

論文 / 著書情報
Article / Book Information

題目(和文)	
Title(English)	Comprehensive analysis of cross-border electricity trade between Japan and South Korea ' s electric power companies
著者(和文)	ZISSLERROMAIN
Author(English)	Romain Zissler
出典(和文)	学位:博士(工学), 学位授与機関:東京工業大学, 報告番号:甲第12122号, 授与年月日:2021年9月24日, 学位の種別:課程博士, 審査員:CROSS JEFFREY SCOTT,大友 順一郎,後藤 美香,村山 武彦,時松 宏治
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Category(English)	Doctoral Thesis
種別(和文)	審査の要旨
Type(English)	Exam Summary

(博士課程)

論文審査の要旨及び審査員

報告番号	甲第	号	学位申請者氏名	Romain Zissler		
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論文審査の要旨 (2000 字程度)

On July 6th at 13:25-14:55 the public dissertation of TSE Energy Course D3 Romain Zissler was held by ZOOM attended by the dissertation committee members and approximately 10 other participants. Romain gave an oral presentation for 57 min based upon ppt slides covering the main points of the dissertation and then answered questions from the dissertation committee and also from general participants for 30 min. The overall presentation was approximately 90 min. Although the dissertation was revised after the preliminary exam based upon feedback received further modification of the dissertation was requested to clarify 1) research originality (data analysis or approach) compared to the published literature, 2) clarification on Fig. 3-10, 3) implications of the research on proposed inter-Japan undersea power cables, 4) clarification of winners and loser in Japan-Korea power cable interconnect, 5) Korean power experts comments on results, 6) indirect impact of the research results and linkage or similarities to EU interconnects, 7) add additional text to page 5 in the introduction, 8) will the proposed interconnect become more economically feasible or less so in the future based upon cost reductions in renewable energy in Japan/Korea?

Overall, the committee felt progress has been made since the preliminary exam and the research meets the criteria for graduation but further analysis and modification of the dissertation is needed. The committee unanimously agreed to proceed with the holding the final exam on Aug. 3 at 12:00. The revised dissertation, list of corrections, written responses to questions received during the public presentation and final presentation slides for a 40 min presentation will be distributed on July 28th to the committee members.

Regarding publications, one peer review paper has been published, a second is under-review and third manuscript is being written for submission in late August. The above meets the TSE Energy Course criteria for doctoral student graduation.

注意:「論文審査の要旨及び審査員」は、東工大リサーチリポジトリ(T2R2)にてインターネット公表されますので、公表可能な範囲の内容で作成してください。