

อภินิพนธ์นาการ

1. 3073193



สำนักหอสมุด

SOLAR PUMPING SYSTEM AT NONG SANUAN VILLAGE



สำนักหอสมุด มหาวิทยาลัยนเรศวร
วันลงทะเบียน..... 13 ก.ค. 2544
เลขทะเบียน..... 4440214
เลขเรียกหนังสือ..... 912
..... 2001

WARUNTHORN BOONKOK

A thesis Submitted to the Graduated School of Naresuan University  
 In Partial Fulfillment of the Requirement for the  
 Master of Science Degree in Renewable Energy  
 May 2001  
 Copyright 2001 by Naresuan University

This thesis entitled “ Solar pumping system at Nong Sanuan village ”,  
submitted by Warunthorn Boonkok in partial fulfillment of the requirements of the  
Master of Science Degree in Renewable Energy is hereby approved.

*W. Rakwichian*

.....  
Assoc. Prof. Watthanapong Rakwichian, M.Sc.  
Chairman

*M*

.....  
Matthanee Sakuansaemsri, D.Ag.  
Member

*Herbert Allen Wade*  
.....  
Herbert Allen Wade, M.B.A.  
Member

*Dusit Kruangam*

.....  
Assoc. Prof. Dusit Kruangam, Dr.Eng.  
External Examiner

*Sombat Noparak*

.....  
Assoc. Prof. Sombat Noparak, Ph.D.  
Dean of the Graduate School

15 May 2001

## ACKNOWLEDGEMENTS

The researcher would like to thank you the Thesis Committee, Associate Professor Watthanapong Rakwichian, Mr. Herbert Allen Wade, Dr. Dusit Kruangam and Dr. Matthanee Sakuansaemsri for valuable comments and suggestions to the thesis.

The researcher would like to thank you Associate Professor Watthanapong Rakwichian, the supervisor for the guidance and instructions of the thesis.

Thank you the head of Physics Department and Mr. Nipon Kejjoy from Physics Department for suggestions to do and analysis the thesis.

Thanks for Miss Orapan Thianphoo and Miss Anchalee Thianphoo who help me to type and prove the report.

And, thanks SERT staffs and my friends who study together at SERT. Thanks for their kindness, our unity, their willpower and their help through study this program.

Thank you to Civil Work department, the ministry of interior, and people at Nong Sanuan village for information and kindness.

Thank you very much for my parents who take care my life and support me to study this program and their willpower for me every time.

Warunthorn Boonkok