PROBABILISTIC OPTIMAL SCHEDULING OF MULTI-ENERGY SYSTEMS USING HYBRID PARTICLE SWARM OPTIMIZATION AND LINEAR PROGRAMMING

Suranaree University of Technology has approved this thesis submitted in partial fulfillment of the requirements for a Master's Degree.

Thesis Examining Committee

(Asst. Prof. Dr. Chai Chompoo-Inwai)

Chairperson

(Assoc. Prof. Dr. Keerati Chayakulkheeree)

Member (Thesis Advisor)

(Prof. Dr. Thanatchai Kulworawanichpong)

Member

(Asst. Prof. Dr. Tosaphol Ratniyomchai)

Tosaphal Ratniyomahmi

Member

(Assoc. Prof. Dr. Yupaporn Ruksakulpiwat)

Vice Rector for Academic Affairs and

Quality Assurance

(Assoc. Prof. Dr. Pornsiri Jongkol)

Dean of Institute of Engineering