



Republic of the Philippines

Mindanao State University – Iligan Institute of Technology

Andres Bonifacio Avenue, Tibanga, 9200 Iligan City

**College of Engineering and Technology
Graduate School of Engineering**

Certificate of Panel Approval

The dissertation attached hereto, entitled *Data-Driven and Online Estimation of Power System Parameters with Conformal Coverage Guarantees*, prepared and submitted by *Author McArthur* in partial fulfilment of the requirements for the degree *Doctor of Philosophy in Electrical Engineering*, is hereby recommended for approval.

Valery Manokhin, PhD, MBA

Member

Thomas G. Habetler, PhD

Member

Samuel Stanton, PhD

Member

Pascal Van Hentenryck, MSEE

Member

Juan dela Cruz, Ph.D.

Advisor

John dela Cruz, Ph.D.

Co-advisor

This dissertation is approved in partial fulfilment of the requirements for the degree *Doctor of Philosophy in Electrical Engineering*.

Rennie E. Miculob, DEng, MBA

Department Chairperson

Carl John O. Salaan, PhD

Department Graduate Program Coordinator

Vannie Joy T. Resabal, PhD

College Graduate Program Coordinator

Maria Sheila K. Ramos, PhD

Dean, College of Engineering and Technology