FLORIDA STATE UNIVERSITY $\label{eq:famu-fsu}$ FAMU-FSU COLLEGE OF ENGINEERING

FAULT CLASSIFICATION AND LOCATION IDENTIFICATION IN DISTRIBUTION SYSTEMS USING SYNCHROPHASOR TECHNOLOGIES AND ADVANCED METERING INFRASTRUCTURE

By

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A Dissertation submitted to the Department of Electrical and Computer Engineering in partial fulfillment of the requirements for the degree of Doctor of Philosophy

2020

Muhammad Usama Usman defended this dissertation on January 16, 2020. The members of the supervisory committee were:	
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