Electrical & Computer Engineering

S E M I N A R

Louisiana State University

Transmission Operations on the Entergy System

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Entergy

Abstract—Entergy is one of the largest transmission owners and operators in the United States with over 15,000 miles of transmission facilities. Mark McCulla is the Vice President of Transmission Operations and is responsible for the safe and reliable operation of the Entergy electric transmission system. Mr. McCulla will provide an overview of the Entergy transmission system and its role within the Eastern Interconnect as one of the three North American interconnections. He will also explain how Entergy models the transmission system and performs contingency analysis in preparation for unplanned disturbances. Lastly, he will then provide an overview of a specific outage coordination study performed in the New Orleans area.

Bio—Mark McCulla was named vice president of transmission operations in January 2014. Immediately prior to being named to this position, he served more than five years as vice president of transmission regulatory compliance. The vice president of transmission operations provides strategic and executive leadership to transmission operations management and support staff to ensure the safe and reliable operation of the electric transmission system. McCulla is responsible for ensuring employee conformance with established policies, procedures and standards and proper training of operations staff. He also represents the transmission operations business function in a variety of internal and external steering committees and leadership teams. McCulla has more than 30 years of electric utility experience, primarily in transmission operations, planning, compliance and regulatory. Previous Entergy work assignments include transmission regulatory compliance, support services in utility operations, distribution utility operations and transmission operational planning. Prior to Entergy, McCulla worked for the Southwest Power Pool in Little Rock, Arkansas; Cajun Electric Power Cooperative in Baton Rouge, Louisiana; and Houston Lighting and Power in Texas. He has a bachelor's degree in electrical engineering from Louisiana State University and a master's degree in business administration from Tulane University. He's a member of the Institute of Electrical and Electronics Engineers, Inc. and is a registered professional engineer in Texas.

When: **Monday, 13 March 2017, 16:30 - 17:30**
Where: **P. F. Taylor Hall, Room 1221**
Info: `http://www.lsu.edu/eng/ece/seminar`
Food: ***Refreshments will be served.***