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*Electrical & Computer Engineering*  
**S E M I N A R**  
Louisiana State University

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**How Entergy's Transmission Operation Planning  
Team Works: Introduction and Job Opportunities**

*Michelle P. Bourg and Paul Simoneaux, Jr.*

**Entergy**

**Bio**—Ms. Bourg has over sixteen years of utility experience, including roles in Entergy's utility, human resources, transmission and gas businesses. She was recently appointed to her current role of vice president, transmission operations. In this capacity, she is responsible for providing strategic and executive leadership to approximately 130 transmission operations management and support staff, including engineers, real-time system operators, trainers, and other professionals. Her organization is responsible for safely and reliably operating the Entergy electric transmission system while maintaining compliance with all applicable federal regulations.

Ms. Bourg began her career as an engineer in the transmission operational planning group and later managed the workgroup through several significant changes, including the response to increased compliance oversight and various regulatory directives. She later served as the director of utility performance metrics where she was responsible for the deployment of tools to assist employees at all levels monitor and improve performance results. She most recently led Entergy Louisiana, LLC and Entergy New Orleans, LLC's gas distribution business where she was responsible for the safe, reliable and efficient delivery of natural gas to customers in New Orleans and Baton Rouge.

She has a bachelor's degree in electrical engineering from Louisiana State University and a master of business administration from Tulane University. She is a registered professional engineer in the state of Louisiana. She and her husband, Jonathan, have three young children Coleman (8), Caroline (5) and Claire (2). In her spare time, she enjoys spending quality time with her children and family.

Paul Simoneaux, Jr. was named manager of transmission operational planning in June 2014. Immediately prior to being named to this position, he served as the supervisor for transmission asset management.

The manager of transmission operational planning manages the workgroup responsible for providing technical support to real-time operations staff at the Transmission Control Centers (TCCs). This support is accomplished through the preparation of reliability power flow models and corresponding real-time, next-day and forward looking analyses, coordination of planned transmission outages, voltage stability analysis, development of operating guides and local area security analysis. The Manager, Transmission Operational Planning provides input to regulatory/compliance filings in support of new business practices for Transmission Operations and ensures that the workgroup processes are in compliance with all FERC, NERC, and SERC standards/requirements.

Paul has more than 18 years of electric utility experience, primarily in transmission operations, planning, asset management and relay design.

Prior to Entergy, Paul worked for Waldemar S Nelson in New Orleans, LA where he provided engineering services to the oil and gas industry.

He has a bachelor's degree in electrical engineering from the University of New Orleans. He's a member of the Institute of Electrical and Electronics Engineers, Inc. and is a registered professional engineer in Louisiana.

**When:** Wednesday, 10 April 2019, 16:30 - 17:30

**Where:** Room 1202 Patrick F. Taylor Hall

**Info:** <https://www.lsu.edu/eng/ece/seminar>

