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NSF Funded Research: “Fully Integrated Power and Energy Systems with Multi-Infeed AC/DC Architecture”, By Dr. Masoud Davari

August 20, 2018



“Masoud Davari, assistant professor of Electrical & Computer Engineering in Power Systems and Power Electronics, has been awarded funding from NSF for his proposal, entitled “*Collaborative Research: Fully Integrated Power and Energy Systems with Multi-Infeed AC/DC Architecture: Developing Advanced Controls, Protections, and Hardware-in-the-Loop Simulation.*” Dr. Davari’s research will develop advanced protections, controls, and automation for the modernized microgrids toward implementing smart grids and help merge those systems into one single process. The developed theories of this project, done in collaboration with Mississippi State researchers, can be tailored and broadly developed for many networked types of control in other domains and power systems. The project will give specific attention to the involvement of the large population of underrepresented minorities at Georgia Southern University and Mississippi State University in the STEM research and learning. NSF has awarded \$299,850 for the three-year project.”

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