

PROJECT MANAGEMENT AND SUPPORT FOR JMU COLLEGIATE WIND COMPETITION TEAM



Presenters

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Sponsor

U.S. Department of Energy

Projection Management Officers reviewing the team assignments prior to weekly town hall meeting.

The 2018 JMU Collegiate Wind Competition team comprises 31 students representing five majors, all working together to develop a novel wind turbine design with corresponding business plan, and to perform a siting exercise for a hypothetical 100-MW wind power plant in Rockingham County. This work will be presented at the third biennial Collegiate Wind Competition to be held at the American Wind Energy Association WINDPOWER conference in Chicago, Illinois in May 2018.

At the event, students from JMU and eleven other universities will see their turbines tested in a wind tunnel, participate in a wind power project planning exercise, give a private pitch to a board of judges, and present an open floor public pitch. Our capstone team supports five sub-teams each responsible for one main deliverable and six other support sub-teams, as we serve as Project Management Officers (PMO). We are responsible to communicate between the Department of Energy

and National Renewable Energy Laboratory about the deliverables and, to run weekly town meetings, to document the entire process and to participate individually on sub-team efforts. Our goals during this capstone experience is to perform successfully at competition and to acquire managerial skills and gain leadership experience that will be applicable within the renewable energy industry.