



Drones and Microgrids

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Live Stream Seattle Washington

Site Planning, Documentation, Inspections are just a few actions that a commercialized drone can do for your organization. Find out more at today's session as our experience pilot dives into Drone Management. Can we save you a seat? Yes. Drones are changing the way companies do business. Integrated into daily operations, organizations are using uncrewed systems to gather

better data, make better decisions, and create a better product for their customers. This presentation will lay the foundation with the current legal and technical ecosystem of UAS capabilities. We will explore how companies are using the platforms for a variety of use-cases including site planning, documentation, and inspection. We will conclude by exploring the possible trajectory of the industry including implications of recent drone executive orders, Beyond Visual Line of Sight Operations (FAR 108), and emergent technologies of AI and drone swarms.

Aaron is a UAS professional, educator, and community leader unmanned aircraft systems technology. Aaron is lead pilot and flight operations manager for GrandSKY, the first private drone business park in the United States, located at the Grand Forks Air Force Base. He works with partners and regulators to gain approval and then operate experimental uncrewed systems including a meteorology drone. Previously Aaron was the Assistant Director for the National Center for Autonomous Technologies (NCAT), funded through the National Science Foundation and supporting autonomous technology education for the skilled technical workforce (2-year certificates) nationwide. Aaron has a private

pilot's license, 107 certificates, and has been involved in sUAS since 2010. He was the co-founder of MAV Meetup, a community group focused on sUAS education, safety, and community outreach in the Twin Cities and oversaw its growth to over 1,000 members. **REGISTER at MicrogridConsortium.com/event-list**



Aaron Sykes