



UAA College of Engineering
UNIVERSITY of ALASKA ANCHORAGE



UAA Professional Development Seminar Series

Clean Energy in Alaska

Presented by Colleen Fisk, Energy Education
Director, Renewable Energy Alaska Project

Energy is everything: it's how we connect, how we travel, how we work, and how we play. Clean energy (including energy efficiency and renewable energy)

has many benefits including a lower carbon footprint, cleaner air, and reduced energy bills, yet it is not often taught in our schools. Still, clean energy is growing in Alaska, from well-known energy efficiency upgrades to cutting-edge hydrokinetic projects. The economic and environmental opportunities for the state are vast, but to understand them we all must have a basic energy literacy. While other presenters in the series have explored some clean energy topics more in-depth, this presentation will provide an overview of clean energy in Alaska, and statewide educational efforts around energy literacy. Reaching 5,000 students a year around Alaska, this REAP educator will share her lessons learned for effective energy education and the common misconceptions held by many Alaskans (youth and adults) around our energy production and use, from LEDs to solar, thermal and everything in between.

Colleen Fisk has worked at Renewable Energy Alaska Project (REAP) since 2016 as the Energy Education Director, implementing the AK EnergySmart and Wind for Schools curriculum in K-12 classrooms, and leading teacher trainings on energy education. Colleen grew up on a small farm outside Wasilla, where her parents, also science teachers, instilled a lifelong love of science. She graduated from the University of Maryland, College Park in 2010 with her Bachelor of Science, then moved back to Alaska and earned her Master of Education in Secondary Education from UAF in 2012. For several years, Colleen worked as an educator in the Mat-Su School District, mostly at the secondary level, including a year of coaching cross country skiing. She then spent two years in microbiology working for the state, before accepting the job at REAP. A certified REcharge Instructor, Colleen has also earned her Sustainable Energy Endorsement from UAF and been trained by the National Energy Education Development (NEED) Project.

Friday, December 6, 2019

11:45 am-12:45 pm

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