Energy Education Offerings OREAP



Renewable Energy Alaska Project

K-12 Outreach

- What: Hands-on clean energy lessons from AK EnergySmart, KidWind, and NEED
- Who: K-12 students in Alaska
- Where: State-wide, in-person and virtually
- Length: From one-time lesson to two-week units
- Cost: Free (may ask host to cover lodging depending on situation)
- Examples: Electricity audit of classroom; test blades on a model wind turbine; five day clean energy camp

Educator Trainings

- What: Introduce free curricula and hands-on practice of lessons
- Who: K-12 teachers and informal educators
- Where: Staff meetings, teacher conferences, or local campus, etc; virtually statewide or in-person at hub communities
- Length: From 30 minute presentations to two-day trainings
- Cost: Free (may ask host to cover lodging and/or conference fees depending on situation)
- Examples:
 - One continuing education credit for recertification and step promotions
 - All trainings include supplies for teachers to keep
 - In-person trainings include tours of local projects and local guest speakers
 - Virtual trainings include guest speakers from around the state

Educator Kits

- What: Supplies to use for hands-on clean energy lessons in K-12 classrooms, with suggested lessons; subject to availability
- Who: K-12 teachers and informal educators
- Where: Kits to keep are shipped to educators state-wide; supplies for borrowing available in Anchorage, Mat-Su or Juneau
- Cost: Free
- Examples: Electricity monitors; model wind turbine; model solar panels; vacuum bell jars; ice melting blocks

Adult Education

- What: Present topics on clean energy in Alaska, from basic overview of energy landscape to in-depth examinations of a special topic
- Who: Residents, community leaders, business owners, professionals
- Where: Conferences, public events, webinars, community meetings/events, special events
- Length: From 30 minute presentations to 2 day trainings
- Cost: Free (may ask host to cover lodging and/or conference fees depending on situation)
- Examples:
 - o Renewable Radio Podcast (available on iTunes, Spotify, etc.)
 - Hands-on workshops on energy efficiency and conservation
 - o Presentation and table at community energy fair