



Energy Pathways to Alaska's Future

Energy 101

Draft Agenda

Centennial Hall - Juneau Alaska September 26-29, 2011

Monday, September 26, 2011

1:00 PM	History of Energy in AK: Alaska has a long and colorful history related to energy use and development. Learn about the history of energy use in Alaska from pre-contact through the industrial revolution, the birth of the oil industry and into modern times.
1:45 PM	Nuts & Bolts of Energy: A basic overview of energy, work, and power. This will be a fun and interactive session that will help participants understand terminology and units related to energy.
2:30 PM	Basics of Village Power Generation: What are the critical components in a village power generation system, from the diesel generator to the transmission and distribution system.
3:00 PM	Break
3:15 PM	Community Energy Needs: A discussion of energy needs and costs for heat, power, and transportation in Alaska's varying regions and communities. The publication Alaska Energy Statistics will be used for this session.
3:45 PM	AK Renewable Energy Resources & Projects: A brief overview of the state's renewable energy resources and a brief overview of some active projects. The Alaska Renewable Energy Atlas will be used as the basis of this session and a complimentary copy will be given to each participant.
4:30 PM	Energy Efficiency & Conservation: What do we mean when we talk about energy efficiency and conservation as being 'low hanging fruit', and what are the major culprits that can be addressed at the home and community level?
5:00 PM	Discussion & Questions