

2011 Rural Energy Conference - Speaker and Session Chair Biographies

Speaker Last Name	Speaker First Name	Affiliation	Session Title (s)	Speaker Bio
Alstrom	Audrey	Alaska Energy Authority	Visualizing Energy Information Using GIS, Wed 10:30; Feasibility Studies: Lessons Learned, Wed 1:30pm	Audrey Alstrom is a life-long resident, growing up in western Alaska community of Alakanuk. A graduate from the University of Alaska Anchorage's civil engineering program, Audrey is the assistant hydro project manager in their Alternative Energy & Energy Efficiency group.
Andreassen	Nils	Institute of the North	Looking Beyond Alaska - Global Lessons, Thurs 10:30am	Nils Andreassen is the Managing Director of the Institute of the North. His background in rural and international development, Alaska policy issues and leadership development fit well within the Institute's mission to research commonly-owned lands, seas and resources while educating and engaging Alaskans in the responsibilities of that ownership. Andreassen has a degree in Peace and Development from the University of Bradford in England and has lived in Anchorage, Alaska since 2002.
Bereskin	Mathew	City of Akutan	Geothermal Project Update, Wed 10:30am	No bio available
Binnion	Emily	Alaska Energy Authority	Visualizing Energy Information Using GIS, Wed 10:30 am	Emily Binnian works with the Alaska Energy Authority as an Energy Data/GIS Project Analyst. She had over 20 years experience using GIS in Alaska.
Black	Mike	Alaska Native Tribal Health Consortium - Director of Program Development	Progress Toward Alaska's Renewable and Efficiency Goals, Tues 3:30pm	Mike Black as Director of Program Development provides direction to the DEHE on development of programs such as their fledgling energy program. Once solely a water and sewer design and construction organization, DEHE is increasingly working in areas such as energy efficiency and renewable energy development to lower costs for water and sewer, construction of energy efficient clinics and buildings and improving transportation systems for remote communities.
Boccia	Dan	Alaska Native Tribal Health Consortium	Energy for Community Health, Thurs 10:30am	Dan Boccia, P.E., is the Lead Civil Engineer for the Alaska Native Tribal Health Consortium. He has 18 years of sanitation (water, sewer, and solid waste) infrastructure design, project management, and construction management experience in rural Alaska and has traveled to and completed sanitation projects in 31 rural Alaskan communities. Dan is currently involved in hydroelectric, wind, recovered heat, and solar alternative energy projects directly linked to sanitation facility energy reduction efforts as well as leading efforts to upgrade heating systems in existing facilities to reduce energy consumption of sanitation infrastructure. He is a strong advocate of fundamentals, local wisdom, and communication as avenues to success rather than attempting to smother problems with technology.

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Botelho	Bruce	Mayor, Juneau	Welcome Remarks	The first job out of law school for Bruce was in the Alaska Attorney General's office in 1976. He then began his political career in 1983 when he was elected to the City and Borough of Juneau assembly. He was elected as mayor of Juneau in October 1988, serving until October 1991. He served as deputy attorney general for Alaska beginning in 1992. On January 12, 1994 he was appointed by Governor Walter J. Hickel as Attorney General and confirmed by the Alaska Legislature that May. In December 1994, Governor Hickel was succeeded by Tony Knowles, who asked Botelho to continue in office. He served until December 2002. In October 2003, he was elected to his second term as mayor of Juneau. Botelho was re-elected in October 2006 and again in October 2009.
Brown	Elaine	Nuvista Light and Power	Regional Energy Efficiency Planning and Implementation, Wed 3:30pm	Elaine Brown serves as the Nuvista Light and Electric Cooperative's energy director and general manager. A Calista Corporation Shareholder from Bethel, Brown has extensive experience in the Yukon -Kuskokwim region. She served as the NorthStar Gas LLC President/CEO from 2004-2011, and prior to that served as their CFO/Vice President of Finance since 1998. Brown also assisted with the Association of Village Council Presidents and Calista Region last Biennial Energy Plan. Brown is a University Anchorage Kiwanis Club board member. She is also a member of the Resource Development Council, Alaska Support Industry Alliance, American Management Association and others. Brown is also a Bethel Native Corporation shareholder.
Campbell	Hector	Yukon Development Corporation	Looking Beyond Alaska - Global Lessons, Thurs 10:30am	No bio available
Carlson	Dave	Southeast Alaska Power Agency	Financing a Project, Tues 1:30pm; Transmission Project Challenges, Wed 3:30pm; Thinking As a Region Case Study, Thurs 8:00am	Dave Carlson currently serves as the CEO of the Southeast Alaska Power Agency. Former positions include the Energy Coordinator for Southeast Conference and divestiture Coordinator for the Four Dam Pool. He has successfully coordinated, as owner's representative, the completion of the Swan-Tyee Intertie. Dave is a 38 year Alaska resident

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Cole	Forrest	U.S. Forest Service	Biomass - From Goals to Strategy to Reality, Tues 3:30pm	Forrest Cole has been the Forest Supervisor of the Tongass National Forest since 2003. In this capacity, he provides leadership and oversight to employees who work to balance multiple uses of the forest resources. At nearly 17 million acres, the Tongass is the largest national forest in the United States- about the size as the state of West Virginia. Cole joined the Forest Service over 36 years ago. He began his career in various fire-related jobs in Arizona, and then moved to Alaska in 1979. Cole has a Bachelor of Science in Forestry degree from Northern Arizona University. He was the recipient of the 2008 Regional Forester's Award for Meeting America's Needs based on his contributions and commitment to public land stewardship, community stability and public trust.
Colt	Steve	Institute of Social and Economic Research	How Far Can Efficiency Take Us? Tues 3:30pm	Steve Colt is an economist at the Institute of Social and Economic Research at the University of Alaska Anchorage. He earned his PhD in economics at MIT and has been studying rural Alaska energy issues and opportunities since 1985. His work emphasizes the use of simple models of energy systems and technologies based on empirical data.
Consenstein	Daniel	US Dept of Agriculture, Alaska Farm Service Agency	Energy for Community Health, Thurs 10:30am	Danny Consenstein is the State Executive Director of the U.S. Department of Agriculture, Alaska Farm Service Agency. He has 30 years of experience with government, non-profits and private sector consulting, helping Alaska small economies grow and thrive. Under his leadership, the Farm Service Agency is expanding programs to provide financial and market assistance to individuals and communities in rural Alaska interested in increasing food production and food security.
Conway	Katie	Alaska Energy Authority	Energy Efficiency: Taking the Message Home, Tues 1:30pm	Katie manages energy efficiency and conservation public outreach at the Alaska Energy Authority. Since arriving at AEA two years ago Katie has brought together and continues to facilitate the Energy Efficiency and Conservation Working Group. It is on behalf of the EECWG that Katie applied for and received a competitive award from the US Department of Energy last year, oversaw the construction and continues to oversee the management of akenergyefficiency.org, and organizes the Alaska Energy Awareness Month and "Energy Efficiency Makes \$ense! Video Contest" efforts. Prior to joining AEA Katie worked as a legislative aide in the Alaska State House. She has an undergraduate degree in psychology and anthropology from Linfield College in Oregon, and a Masters in natural resource anthropology from Oregon State University.

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Craft	Mike	Alaska Environmental Power	Performance of Wind Systems, Tues 1:30pm	Mike Craft arrived in Alaska in 1979 as a member of the army stationed at Ft. Wainwright. His wife, Kathy, joined him after graduating college in 1981. After leaving the army he worked as a cook for several years before starting his career in construction. In 2007 he built a small wind farm under Golden Valley Electric Association's (GVEA) Sustainable Natural Alternative Power (SNAP) program in Healy, Alaska. These were the first turbines in service on the Railbelt Grid in a farm configuration. He has lived in North Pole and Fairbanks raising four children; Josh, Zach, Michaela, and Mathew. Mike has constructed over 50 homes and developed almost a square mile of land in the Fairbanks area. He plans to continue living and working in Alaska helping to ensure Alaskan families a bright future.
Craven	Colin	Cold Climate Housing Research Center	Heating Opportunities - Beyond Biomass, Wed 1:30pm	Colin moved to Alaska in 1991, leaving later to attend college, then returned to Fairbanks for work in 2001. He earned his BA in geology at the University of Colorado in 1998 and an MS in geochemistry from the Georgia Institute of Technology in 2000. During his studies, Colin conducted research on mineral surface chemistry at the Virginia Polytechnic Institute and Georgia Tech. From 2001 to 2008, Colin worked in the field of environmental restoration of contaminated sites with a focus on sampling design, remediation, and evaluating the fate and transport of chemicals in the subsurface and indoor air. Since starting with CCHRC in 2008, Colin has led CCHRC efforts on building science projects, product tests and the development of the Certified Alaska Tough program.
Crimp	Peter	Alaska Energy Authority	Progress Toward Alaska's Renewable and Efficiency Goals, Tues 3:30pm; Geothermal Project Update, Wed 10:30am; Feasibility Studies, Wed 1:30pm	Peter is deputy director for alternative energy and energy efficiency at the Alaska Energy Authority. He has worked as an energy planner and forester in Alaska since 1982, and has been with the Authority for 18 years. Peter received his M.S. in forest science at University of Washington and bachelor degree in biology at Brown University.
Daniels	Denali	Denali Commission	Progress Toward Alaska's Renewable and Efficiency Goals, Tues 3:30pm	Denali Daniels is responsible for the Commission's Energy Program, which specializes in bulk fuel, power plants and alternative/renewable energy infrastructure in rural Alaska. Previously Ms. Daniels managed the Commission's Health Facility Program, behavioral health, domestic violence facility development and elder/teacher housing. Prior to her joining the Commission in 2002, she spent over ten years in policy development, community and public relations in both the public and nonprofit sectors.

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Davis	Mark	Alaska Industrial Development & Export Authority	Financing a Project, Tues 1:30	Mark Davis is the Deputy Director-Investment Finance & Analysis for the Alaska Industrial Development and Export Authority (AIDEA) and was appointed to this position in July 2011. Previous positions held by Mr. Davis include State of Alaska - Deputy Commissioner, Department of Commerce Community and Economic Development; Director of Corporations, Business and Professional Licensing; and Director, Banking and Securities. His education includes Stanford Law School, Stanford, and Oxford
DeBunker	Archabald	School of Hard Knocks	Mythbusters, Tues 12:30pm	Dr. DeBunker was born and raised on a farm, where his preparation for his ultimate career began with one of his first jobs—helping his father clean out the stables. After receiving a degree in he earned a doctorate in Engineering (his father called him “a doctor, alright, but not the kind that can do you any good”) at a good institution that would prefer to remain nameless. Dr. DeBunker worked briefly as a work study student at a nuclear power plant under construction in the heady days of the spring of 1979, when Skylab fell and TMI blew (though neither of these two events were a result of his efforts or lack thereof). More recently he has watched multiple start-up companies run by MBA’s with ties and big stock option packages use market studies to invent products advertised with glossy brochures, then fire their engineering staff when they fail to deliver the described product.
Deerfield	Thomas	Dalson Energy, Inc.	Feasibility Studies: Lessons Learned, Wed 1:30pm; Alternative Fuels, Thurs 10:30am	Thomas Deerfield has a construction, design and engineering background. He was a licensed General Contractor in Washington State and California for 20 years. He has worked in Belize, Central America; Prague, Czech Republic; and on the West Coast of America from Alaska to Baja. Thomas values lessons learned from projects over theoretical studies. His focus with feasibility studies is always to find a viable path to progress into an actual project.
Deering	Bob	U.S. Coast Guard, Civil Engineering Unit	Biomass - From Goals to Strategy to Reality, Tues 3:30pm	Bob Deering is the Energy and Environmental manager for the U.S. Coast Guard in Alaska. A graduate of the University of Washington Mechanical Engineering program, Bob has been executing energy audits, studies, efficiency projects, and renewable energy projects for the Coast Guard in Alaska for the past 18 years. His current focus is on converting Alaskan USCG facilities to biomass heat.

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Dilts	Jess	Hydaburg Cooperative Association	Developing Energy Projects, Wed 3:30pm	Jess Dilts is the director of housing for the Hydaburg Cooperative Association. As manager of Tribal NAHASDA for Hydaburg, Jess focuses primarily on rehabilitation work of existing homes increasing the energy efficiency while extending the life of the house. Under Jess' direction, Hydaburg Cooperative Association, partnering with Building Science Corporation has been instrumental in developing climate-specific, energy efficient housing prototypes for the Habitat Congress Building America program. This work has culminated as the Building America design of the Basic Very Cold Climate House. Jess' work is pioneering both new and retrofit housing resulting in buildings using 30 to 50 percent less energy, reducing construction time and waste by as much as 50 percent while improving builder productivity. Jess was appointed to the CCHRC board to fill the seat vacated by Wendy Knight and will be representing rural Alaska, and got elected to the board when that seat was up and is currently a board member of CCHRC.
Dirks	Julie	City of Atka	Hydropower, Wed 1:30pm; Developing Energy Projects, Wed 3:30pm	Julie Dirks professional experience has been working with non-profits and local government as an administrator, grant writer, fund accountant, small utility manager, a State LGS, and anything else that came up in her positions that needed to be done. Ms. Dirks has been involved with the community of Atka, Alaska since she married a local Atkan more than 30 years ago. She lived and worked in the community for twelve years from 1979 to 1991. She has been involved with the Atka hydro-electric project from planning to construction.
Dungate	David	NY Biomass Energy Alliance	Biomass - From Goals to Strategy to Reality, Tues 3:30pm	David Dungate is President and co-founder of ACT Bioenergy, a New York-based manufacturer of high-efficiency, commercial-scale biomass boiler systems. David has worked both in the U.S. and overseas in the field of renewable energy and sustainable development for the last 20 years. He is currently on the Board of Directors of the New York State Biomass Energy Alliance and is the Chair of the Biomass Thermal Energy Council's Technical Advisory Committee. David has a Masters Degree in Environmental Engineering from Hokkaido University and a Bachelors Degree in Resource Management from the University of British Columbia.
Endenshaw	Alvin	Haida Energy	Hydropower, Wed 1:30pm	Born in Hydaburg, Alvin is the President of Haida Energy. He has served with Haida Corporation over the last 20 years as a director or officer and spent many years working on the North Slope for Nabor's Drilling and Veco. He has spent the last 15 years involved with the Native community in Anchorage.

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Eriksen	Eric	AEL&P	Transmission Project Challenges, Wed 3:30pm	Eric Eriksen, P.E. is Vice President of Transmission and Distribution for Alaska Electric Light & Power Company. During his ten year term, he has worked on such projects as the Southeast Submarine Cable Intertie, Cruise Ships Shore Power, and Snettisham Transmission Line Avalanche Mitigation. Mr. Eriksen is a licensed professional engineer; serves on the Alaska Board of Registration for architects, engineers, and land surveyors; is a Past President for Alaska Society of Professional Engineers; and currently serves on the Alaska Emerging Energies Advisory Board. He holds a BS in electrical engineering and a Masters of Business Administration both from the University of Alaska.
Fay	Ginny	Institute of Social and Economic Research	Performance of Wind Systems, Tues 1:30pm; How Far Can Efficiency Take Us? Tues 3:30pm	Ginny Fay has over 30 years of research experience as a resource economist and biologist in Alaska. Current research projects include wind-diesel hybrid energy systems, renewable energy project economic analyses, carbon sequestration, small modular nuclear facility analysis, transportation system energy use and emissions modeling, and Alaska energy statistics. Ms. Fay's principal research interests include energy and natural resource economics, tourism and recreation, and community development. She has worked extensively with small communities, Native tribal organizations, local, state and federal agencies and non-profits.
Fetters	Alan	Alaska Energy Authority	Diesel Engine Efficiency, Wed 10:30am; Grid Integration and Power Quality, Wed 1:30pm	Mr. Fetters is a lifelong Alaska resident with 30 years managing and constructing electrical projects in Alaska. His experience includes 5 years at the Alaska Energy Authority, 17 years at the Anchorage School District and 8 years as an Electrical Contractor. He has managed the design and construction of generation, distribution and communication project throughout Alaska.

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Fisher-Goad	Sara	Alaska Energy Authority	Keynote Introduction, Tues 8:45am; Utilities Making Decisions, Wed 8:00am; How Policy Drives Development, Wed 10:30am	Ms Fisher-Goad is the Executive Director of the Alaska Energy Authority and was appointed to this position in February 2011. Ms. Fisher-Goad has been employed with the Authority since November 2000. Before she was named Deputy Director – Operations, Ms. Fisher-Goad worked as financial analyst and acted as legislative liaison coordinating annual budget submissions to the Legislature. Prior to joining the Authority, Ms. Fisher-Goad worked as a project manager for Springsted Incorporated an independent financial advisory firm in St. Paul, Minnesota. At Springsted, Ms. Fisher-Goad structured bond issues for municipal clients. Ms. Fisher-Goad received a Bachelor of Science degree in Mathematics from University of Alaska Fairbanks and a Master of Business Administration from University of Alaska Anchorage.
Garrett	Rebecca	Alaska Energy Authority	Regional Energy Efficiency Planning and Implementation, Wed 3:30pm	
Gray	Brian	AK Energy and Engineering, Vice President & Chief Mechanical Engineer	Diesel Engine Efficiency, Wed 10:30am; Feasibility Studies: Lessons Learned, Wed 1:30pm	Mr. Gray is a lifelong resident of Alaska with over 25 years of engineering experience. For the past 20 years he has served as project engineer and project manager for the design and construction of over \$100 million worth of rural power generation, fuel storage, heat recovery, and other energy related projects. Responsibilities have included feasibility analysis, program development, budgeting, design, permitting, construction management, and system commissioning. His projects have taken him to more than 100 rural Alaskan communities where he has had to successfully solve the unique engineering and logistical challenges that are synonymous with remote site construction. He has also had an extensive role in implementing standards for operations and maintenance of rural energy infrastructure including development of the AEA/AVTEC Power Plant Operator and Bulk Fuel Operator training videos.
Grimm	Bob	Alaska Power & Telephone, Inc.	Financing a Project, Tues 1:30	Bob Grimm serves as the Chief Executive Officer of Alaska Power and Telephone Company and has been its president since 1984. Mr. Grimm served as Chief Operating Officer of Power at AP&T and has been a Director of the organization since 1979.

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Harper	Kevin	Black and Veatch	Regional Energy Efficiency Planning and Implementation, Wed 3:30pm; Thinking as a Region Case Study, Thurs 8:00am	Kevin Harper is a Director with Black & Veatch Management Consulting. He has more than 25 years of experience in the utilities and professional services industries. His consulting experience has included strategic and business planning, organizational formation and development, program management, mergers and acquisitions, and utility ratemaking and regulatory policy analysis. He has also made numerous presentations, written a variety of articles and provided testimony before a number of state regulatory commissions, city councils, county boards of commissioners, and the Alaska State Legislature. Kevin is currently Black & Veatch's Project Director for the SE Alaska Regional Integrated Resource Planning Project. He served in a similar capacity on the Railbelt Regional Integrated Resource and Railbelt Electrical Grid Authority, or REGA, studies.
Harris	Rick	Sealaska	Permitting and Regulations, Tues 1:30pm; Thinking as a Region Case Study, Thurs 8:00am	RICK HARRIS currently serves as Sealaska's executive vice president. Born in Pocatello, ID, Rick moved to Ketchikan, AK, in 1978 to work in aquaculture. In 1980, he was recruited by Sealaska to be the environmental coordination manager. Since that time, he has held several management and executive positions within Sealaska, including senior vice president of Natural Resources and executive vice president for Sealaska Timber Corporation. He holds a bachelor's degree in fisheries from the University of Washington.
Havemeister	Bob	Alaska Energy Authority - Rural Utility Worker	Diesel Engine Efficiency, Wed 10:30am; Grid Integration and Power Quality, Wed 1:30pm	Mr. Havemeister is a lifelong Alaska resident with over 25 years in rural Alaska power generation. He experience includes 10 years at the Alaska Energy Authority, 12 years at Lake and Penn School District and 3 years at Red Dog Mine. He has traveled to most communities in rural Alaska and upgraded or repaired the electrical system in the majority of the independent utilities. His experience includes diesel generation, electrical distribution, fuel systems as well as renewable energy.

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Hebert	Jack	Cold Climate Housing Research Center	Energy for Community Health, Thurs 10:30am	Jack Hébert is President, CEO, and founding Chair of the Cold Climate Housing Research Center (CCHRC), an organization committed to promoting safe, affordable, durable, and energy efficient housing for cold climate regions. As owner of Hébert Homes, LLC, Jack has been designing and building homes in Alaska for over thirty years. His homes and planned communities are built to create high quality, well designed, environmentally appropriate, and energy efficient buildings. Jack has received numerous honors including a 2010 Cascadia Fellowship for his contributions toward sustainable building design and science, the first State of Alaska Governor's Award for Excellence in Energy Efficient Design, the Energy Rated Homes of Alaska President's Award, and he was two times the Alaska State Homebuilder of the Year. Jack currently serves as the National Association of Homebuilders (NAHB) National Vice Chair for Area 15.
Hennigh	Gary	City of King Cove	Hydropower, Wed 1:30pm	Gary has been the King Cove City Administrator for the last 21+ years. Prior to that he served as the Community Development Director for the City of Valdez, the Planning Director for the City of Dillingham and worked for Alaska DOT/PF; and U.S. Dept. of Interior in the Minerals Management Service in Alaska. He has a Master's degree in Planning from Penn State University and BA in Geography and Planning from Mansfield University. Gary has been an Alaska resident for 32 years.
Hermanson	Jay	WH Pacific	How Far Can Efficiency Take Us? Tues 3:30pm	Mr. Jay Hermanson currently works as a Manager of Alternative Energy & Sustainable Development with WHPacific- a NANA Development Corporation affiliate. WHPacific is a multi-disciplined engineering company and is also the largest Native American-owned engineering company in the United States. WHPacific specializes in energy and building engineering, architecture, and rural infrastructure development.
Hickman	Pete	Geographic Information Network of Alaska	Visualizing Energy Information and Projects using GIS, Wed 10:30am	Peter works as the GIS Coordinator for GINA. He has over 10 years of professional GIS experience working for a variety of corporations as a DOD contractor Peter's job at GINA includes providing and integrating enterprise level GIS support, guidance, and analytical capability into ongoing GINA projects.
Hill	Nathan	City of Kokanok	Developing Energy Projects, Wed 3:30pm	No bio available

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Hildenbrand	Corry	Reynolds Creek Project Manager	Hydropower, Wed 1:30pm	Corry has served as the project manager for the past 33 years for electric utility facilities focused on hydroelectric, diesel and gas turbine power generation. He has experience with transmission line facilities, 69 kV and 138 kV, both overhead and submarine cable as well as substation facilities, 12.5 kV distribution, and cruise ship shore power, 69 kV and 138 kV; He is currently project manager for the Reynolds Creek Hydroelectric Project in Hydaburg, AK, responsible for the permitting, construction and financial controls on the project.
Hirsch	Brian	National Renewable Energy Laboratory	Keynote Introduction, Tues 8:45am; Developing Energy Projects, Wed 3:30pm; Looking Beyond Alaska - Global Lessons, Thurs 10:30am	Dr. Brian Hirsch is the Senior Project Leader for Alaska for the National Renewable Energy Laboratory, part of the US Department of Energy. Dr. Hirsch has worked in rural Alaska for over 25 years on remote energy applications and community development initiatives, including installing wind, solar PV, and in-stream hydrokinetic systems throughout the state. He is currently involved in various biomass projects, including with the Native Village of Fort Yukon and the US Coast Guard in Kodiak, along with energy efficiency, performance monitoring, and energy policy analysis efforts.
Hoener	Todd	Golden Valley Electric Association	Energy Efficiency: Taking the Message Home, Tues 1:30pm	Todd Hoener is an energy specialist and renewable energy program administrator for an electric utility in Alaska. He is a LEED AP, a certified commercial energy auditor and home energy rater. He has worked in Alaska's housing services and end-use energy industry for over 30 years. Todd was recently published in Home Energy magazine with his article, "Getting to the Bottom of Home Energy Use." He is also a grant writer and project manager, recently leading the funding and construction of Alaska's largest solar water heating system located near Denali National Park, which is owned by GVEA. He is a graduate of the University of Alaska.

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Holdmann	Gwen	Alaska Center for Energy & Power	Putting Alaska Energy into Perspective, Tues 10:30am Geothermal Project Update, Wed 10:30am	Gwen is the Director of the Alaska Center for Energy and Power (ACEP) at the University of Alaska. As Director, she is responsible for organizing and leading interdisciplinary research teams focused on applied energy research in both fossil and renewable/alternative energy technologies. Gwen was hired by the University of Alaska Fairbanks to develop ACEP in 2008. Prior to joining the University of Alaska, Gwen served as the Vice President of New Development by Chena Hot Springs Resort, where she directed the renewable and sustainable energy program, including the construction of the first geothermal power plant in Alaska. Gwen moved to Alaska in 1994, shortly after graduating from Bradley University with a degree in Physics and Mechanical Engineering. Gwen is the mother of three children – Leif, Marais, and Lael. She is married to Iditarod and Yukon Quest musher Ken Anderson, and the couple maintain a kennel of about 50 dogs outside of Fairbanks, Alaska. They live off grid in a house they built themselves, and generate their own power through a combination of solar PV and diesel generator.
Holst	Brian	Juneau Economic Development Corporation	Looking Beyond Alaska - Global Lessons, Thurs 10:30am	Brian joined Juneau Economic Development Corporation in February 2008 as Executive Director. Brian has worked in community and economic development for the past twenty years. His experience includes working with diverse groups in challenging economic climates in the developing world with extensive experience in Latin America and Eastern Europe. He served as a US Peace Corp volunteer in small business development and has worked as an international consultant, small business owner, and has led large-scale relief and development efforts. Program areas he has managed include micro-finance, small business assistance, community development, environmental initiatives, infrastructure development, housing and conflict prevention/mitigation. Brian is a graduate of Juneau-Douglas High School.
Hornberger	George	I-N-N Electric Cooperative	Hydropower, Wed 1:30pm	George has grown up in the Bristol Bay Area and has lived in the Iliamna area for the last 35 years. He is a sport fishing guide, trapper, logger, welder, carpenter, commercial fisherman, and a commercial pilot for 20 years. He is the general manager of INN Electric since March of 2009.

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Kazary	Ellen	RurAL CAP	Energy Efficiency: Taking the Message Home, Tues 1:30pm	Ellen Kazary began working at the Rural Alaska Community Action Program in 2002 and is the Environmental Program Manager for the Community Development Division. She oversees community development, environmental action, energy efficiency, and subsistence policy projects. These projects include AmeriCorps and VISTA Programs that serve primarily Alaska Native communities and focus on improving environmental and waste management conditions (RAVEN AmeriCorps) or helping low-income Alaskans lower energy bills (VISTA Energy Program). Additionally, Ms. Kazary manages RurAL CAP's residential energy efficiency and conservation program, Energy Wise. In 2010, Energy Wise provided behavior change education and low-tech efficiency upgrades to 2000 households and temporary employment to over 160 rural Alaskans.
Keith	Katherine	Alaska Center for Energy & Power	Performance of Wind Systems, Tues 1:30pm	Katherine Keith coordinates wind-diesel activities in the state of Alaska through the Wind Diesel Application Center (WiDAC). WiDAC is a center of excellence in wind-diesel technology which was established with partnerships between the Alaska Center for Energy and Power, the National Renewable Energy Lab, and the Alaska Energy Authority. In this capacity Katherine provides technical assistance to wind-diesel stakeholders, promotes education and training opportunities, and works to identify both near and long term research priorities. Katherine has worked to promote renewable energy projects that are sustainable for rural Alaska. These include well-known projects at sites such as Chena Hot Springs and Kotzebue Electric Association. Katherine graduated from the University of Alaska, Fairbanks with an interdisciplinary degree in Renewable Energy Engineering. Her current research topics include, among others, energy storage systems, high penetration wind-diesel systems, waste heat recovery power generation, and alternative fuel transportation.
Keith	Robert	Kawerak, Chief of Elim	Developing Energy Projects, Wed 3:30pm	No bio available

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Kohler	Meera	Alaska Village Electric Cooperative (AVEC)	Utilities Making Decisions, Wed 8:00am; Unintended Consequences, Wed 12:30pm; Demand Side Management, Thurs 10:30am	Meera Kohler is the President and CEO of Alaska Village Electric Cooperative, a non-profit utility serving more than 7,700 consumers in 54 villages – home to more than 40% of Alaska’s village population. Ms. Kohler has been a resident of Alaska since 1976 and her career in the electric utility business spans 32 years, almost entirely in rural Alaska. She has been the chief executive officer of three Alaskan utilities and has been at the helm of AVEC since 2000. Ms. Kohler has a bachelor’s degree in economics and a Master’s degree in Business Administration, both from the University of Delhi, India.
LaRue	Del	Dryden&LaRue	Transmission Project Challenges, Wed 3:30pm	Del LaRue is president of Dryden & LaRue and has been designing transmission lines in Alaska since 1970. He began the consulting business, Dryden & LaRue in 1977 and has worked for most utilities around the state. He claims he is getting old, but we haven’t seen him slow down yet.
Lindberg	Matt	Resource Data, Inc.	Visualizing Energy Information and Projects using GIS, Wed 10:30am	Matt Lindberg is a Project Manager and Sr. Analyst for Resource Data Incorporated (RDI). He has a Bachelor’s Degree in Computer Science and a Master’s Degree in Project Management. Matt has developed, designed, and managed numerous custom software projects in his 10 years in the field. He is currently working as the technical lead for the Energy Efficiency Map Project, and is extremely excited about it’s capabilities for bringing new awareness to Energy Efficiency in Alaska.
Lister	Cady	Information Insights	Energy Efficiency: Taking the Message Home, Tues 1:30pm; How Policy Drives Development, Wed 10:30am	Cady Lister is a Senior Consultant in Information Insights’ Anchorage office. Cady specializes in socio-economic and market research and analysis. She has worked extensively with state, local, and tribal governments, and with nonprofits throughout the state, including Anchorage, Fairbanks, Juneau, the North Slope and the Kenai Peninsula. Cady has a special passion for quality data and policy work that impacts housing and health delivery systems.
Lockard	David	Alaska Energy Authority	Putting Alaska Energy into Perspective, Tues 10:30am; Energy Storage, Tues 3:30pm; Diesel Engine Efficiency, Wed 10:30; Feasibility Studies, Wed 1:30pm	David has worked for AEA since 1994 managing the design and construction of bulk fuel tank farms, diesel powerhouses, and other energy projects in Alaska’s rural villages. He also started and managed Alaska’s Geothermal and Ocean and River Energy Programs from 2005 to 2009. David is the Lead Engineer for AEA’s Rural Energy Program, the agency lead for Energy Storage and Nuclear Energy, and holds a Master’s Degree in Mechanical Engineering from the University of Wisconsin Solar Energy Lab.

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Mathiasson	Ingemar	Northwest Arctic Borough	Regional Energy Efficiency Planning and Implementation, Wed 3:30pm	A native of Sweden, Ingemar is an Electronic and Communication Engineer. He came to Michigan in 1982 and made Kotzebue, Alaska home in 1987. Since 1990 Ingemar has lived successfully off the grid in Ambler, the Northwest Arctic Borough, 80 miles north of the Arctic circle. His homestead uses Wind, Solar-Pv, Hydro-pumping and Biomass for its energy needs. His passion has always been to live as “energy efficient” as possible. Ingemar still utilizes his dog-team to gather firewood and engage in Subsistence Hunting. He has worked as an Energy & Resource Coordinator for the Northwest Arctic Borough since 2009.
McLeod	Tim	Alaska Electric Light & Power Company	Utilities Making Decisions, Wed 8:00am; Demand Side Management, Thurs 10:30 am	No bio available
Mello	Chris	Alaska Energy Authority	Grid Integration and Power Quality, Wed 1:30pm	Chris has been program manager with the Alaska Energy Authority in charge of rural energy projects for the past eleven years. During that period the Energy Authority has completed more than 50 power system upgrades and seventy Bulk Fuel upgrades. Before coming to the Energy Authority Chris lived in Barrow and worked for the North Slope Borough
Meyer	Jason	Alaska Center for Energy & Power	Progress Towards Alaska's Renewable Energy Goals, Tues 3:30pm; Heating Opportunities - Beyond Biomass, Wed 1:30pm; Hydrokinetics Update, Wed 3:30	Jason Meyer is the Program Manager for the Emerging Energy Technology Program at the Alaska Center for Energy and Power. Jason has a BS in Chemical Engineering from Colorado State University, and a MPP from the Harvard Kennedy School. He served as a Peace Corps volunteer in Vanuatu, and has worked for the State Department in Fiji and BP in Alaska. His most recent position prior to working with ACEP was as a Denali Commission Fellow, managing the renewable and alternative energy program at the Denali Commission. Jason's professional expertise is sustainable energy and international development, with a focus on emerging energy technology, alternative and renewable energy systems, and applied energy research. Jason grew up in Eagle River, Alaska and now lives in Anchorage with his wife Caroline. When not working, he enjoys photography, biking, and exploring the remote corners of Alaska.
Mitchell	Jodi	Inside Passage Electric Cooperative	Utilities Making Decisions, Wed 8:00am; Thinking as a Region Case Study, Thurs 8:00am	No bio available

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Moller	Sandra	Alaska Energy Authority	How Policy Drives Development, Wed 10:30am; Regional Breakout Sessions, Thurs 12:30pm	Ms. Moller was appointed to this position in June 2011. Her responsibilities include management of the Authority's programs affecting rural Alaska power systems including training. Prior to joining the Authority, Ms. Moller was the Project Manager–Real Estate at Cook Inlet Region Inc. Her responsibilities included all aspects of commercial real estate development with an emphasis in onstruction. Previously, she was with the Aleut Enterprise LLC for eleven years as its President/CEO with primary responsibility of economic development and fuel acquisition and oversight of terminal operations. Ms. Moller is a life-long Alaskan and a registered Professional Engineer. She received her degree from the University of Alaska-Fairbanks in Civil Engineering.
Mongrain	Jo	UAF Geophysical Institute	Geothermal Project Update, Wed 10:30am	Dr Jo Mongrain is a professor in Petroleum Engineering at UAF with a broader interest in alternative energy. She has a diverse background with a Masters in Petroleum Engineering from Heriot Watt University and a PhD in Geophysics from UAF. Her specialty is reservoir engineering and numerical modeling. This includes developing geothermal models to test sustainability concepts, modeling of enhanced oil recovery techniques and assessing connectivity in geological models. She is particularly interested in the transfer of technology and techniques widely deployed in the oil industry to geothermal systems.
Muhando	Billy	Alaska Center for Energy & Power	Energy Storage, Tues 3:30pm	Dr. Muhando is an Assistant Research Professor at the University of Alaska Fairbanks. His research interests are in the areas of renewable energy integration, particularly enhanced control for wind power systems with advanced control. He has been involved in flow battery testing at ACEP since 2010, with the aim of establishing viability for these systems for cold climate operation and as a means to stabilize microgrids in wind-diesel systems. Prior to joining ACEP, Dr. Muhando was a postdoc scholar in Japan, where he obtained his masters and doctoral degrees in engineering.

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Murkowski	Lisa	Senator	Putting Alaska Energy into Perspective, Tues 10:30am	<p>Senator Lisa Murkowski is the first Alaskan born Senator and only the sixth United States Senator to serve the state. The state's senior senator, Lisa Murkowski is a third generation Alaskan, born in Ketchikan and raised in towns across the state: Wrangell, Juneau, Fairbanks and Anchorage. Since joining the Senate in 2002, Senator Murkowski has been a strong advocate for Alaska on the important issues facing the state, including energy, health care, education, military/veterans' affairs and infrastructure development.</p> <p>Only the 33rd female to serve in the United States Senate since its founding in 1789, Senator Murkowski has assumed leadership roles quickly. She is the senior Republican member of the Senate Energy and Natural Resources Committee and also serves on the Senate Appropriations Committee, where she is the ranking Republican of the Interior and Environment Subcommittee. Senator Murkowski is a member of the Senate Health, Education, Labor and Pensions Committee – the first Alaskan to serve on that panel – and also is a senior member of the Senate Indian Affairs Committee.</p>
Neimeyer	Joel	Denali Commission	Keynote Introduction, Tues 8:45	<p>Joel Neimeyer serves as Federal Co-Chair of the Denali Commission. He was appointed in January 2010 by U.S. Commerce Secretary Gary Locke. Prior to his appointment he served as a Program Officer for the Rasmuson Foundation with a primary focus on health services. Before the Rasmuson Foundation he served at the Denali Commission for five years and the Alaska Area Native Health Service for 15 years. He has 25 years experience in planning, designing and constructing rural facility projects. He is a recently retired Commissioned Corps Officer with the U.S. Public Health Service. Joel is the proud graduate of the University of Texas, Austin with a degree in Civil Engineering. He and his wife Jill have two teenage children, Kevin and Katie.</p>
Noonan	Kris	Alaska Energy Authority	Performance of Wind Systems, Tues 1:30; Grid Integration and Power Quality, Wed 1:30pm	No bio available

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Norman	Jim	ABS Alaska, President	Heating Opportunities - Beyond Biomass, Wed 1:30pm	Jim has been the President of ABS Alaska, Inc. since 1989, a company based in Fairbanks that design, sell, and install power systems and renewable energy systems around Alaska. Jim has been the principal design engineer for major company projects. ABS Alaska designed and installed Alaska's first commercial solar thermal system with a district heating loop at the Denali Education Center. Jim also serves as a board member for Renewable Energy Alaska Project (REAP).
Ord	Jimmy	Alaska Housing Finance Corporation	How Far Can Efficiency Take Us? Tues 3:30pm	No bio available
Ott	Doug	Alaska Energy Authority	Hydropower, Wed 1:30pm	Doug is a hydroelectric project manager for AEA. He is a licensed Civil Engineer and has been practicing for 36 years. He has a BSCE from the Univ. of Michigan and an MSCE in Hydrology and water resources for Colorado State University.
Pacheco	Mike	National Renewable Energy Laboratory	Keynote Introduction, Tues 8:45am	Dr. Michael Pacheco is the vice president for Program Development at Midwest Research Institute (MRI/Global) and the vice president for Deployment and Market Transformation at the National Renewable Energy Laboratory (NREL). At NREL, he is currently responsible for creating a new centralized organization of NREL's deployment programs and activities which develops strategic deployment opportunities with industry and other federal agency partners to accelerate large-scale deployment of renewable energy and energy efficiency technology. Pacheco has 28 years of experience in research, manufacturing, management, and technical strategy. His educational background includes a Ph.D. in chemical engineering from the Univ. of California, Berkeley, and a Bachelor of Science in chemical engineering from Clarkson University.
Pathan	Sohrab	Institute of Social and Economic Research/ Alaska Center for Energy and Power	How Far Can Efficiency Take Us? Tues 3:30pm	Sohrab Pathan holds a joint position as an Energy Economist at the Institute of Social and Economic Research (ISER) at UAA where he works with existing and emerging energy technology, and at the Alaska Center for Energy and Power (ACEP) at UAF where he works with emerging energy technology. Mr. Pathan has an MS in Economic Analysis and MBA. His recent completed work is the Alaska Fuel Price Projection for AEA and current works include Weatherization for AHFC, Wind Turbine for APT, Psychrophiles Digester for CEC, etc.

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Pease	Mary Ann		Alternative Fuels, Thurs 10:30am	No bio available
Petrie	Brent	Alaska Village Electric Cooperative (AVEC)	Performance of Wind Systems, Tues 1:30pm; Grid Integration and Power Quality, Wed 1:30pm	No bio available
Ravens	Tom	University of Alaska Anchorage	Hydrokinetic Update, Wed 3:30pm	No bio available
Reitz	Dan	Alaska Native Tribal Health Consortium	How Far Can Efficiency Take Us? Tues 3:30pm	Mr. Daniel Reitz, PE is the Director of Operations Development for DEHE. Mr. Reitz has 28 years of professional engineering experience of which 24 years has been exclusively in the development of sanitation projects in Rural Alaska. Mr. Reitz is DEHE's program director charged with defining the scope of the energy problem in villages and working with partners to develop strategies to address them.
Remley	Carl	DEHE	How Far Can Efficiency Take Us? Tues 3:30pm	Mr. Carl Remley, (Mechanical Engineer, Certified Energy Manager, Certified Energy Auditor) is DEHE's Energy Projects Coordinator. Mr. Remley has over 30 years of hands-on experience of which 20 years have been spent exclusively in the energy field. Mr. Remley has developed the energy auditing program for DEHE which has included the water systems. This water system auditing program is the first of its kind, focused solely on water and sanitation processes.

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Rose	Chris	Renewable Energy Alaska Project	Putting Alaska's Energy Into Perspective, Tues 10:30; How Policy Drives Development, Wed 10:30am; Unintended Consequences, Wed 12:30pm	Chris Rose is the founder and Executive Director of Renewable Energy Alaska Project (REAP), a coalition of over 70 organizations around the state united to increase the production of renewable energy and promote energy efficiency in Alaska. A statewide non-profit, REAP has been instrumental in moving several energy bills over the last few years, including legislation that established the Renewable Energy Grant Fund, the Emerging Energy Technology Fund and HB 306, a bill that established a statewide renewable energy and energy efficiency goals in 2010. REAP educates Alaskans about their energy choices through a myriad of events, including the <i>Alaska Renewable Energy Fair</i> and the <i>Business of Clean Energy in Alaska</i> conference. Chris graduated with highest honors from the University of Iowa and earned a law degree from the University of Oregon, with a Certificate in Environmental and Natural Resources Law. Before starting REAP, his private law practice included representation of Native Alaskans from Northwest Arctic villages and the mediation of a variety of disputes around the state.
Schutt	Ethan	Cook Inlet Region, Inc.	Permitting and Regulations, Tues 1:30pm; Alternative Fuels, Thurs 10:30am	Ethan Schutt oversees CIRI's land and energy development departments including the exploration and leasing of those lands for oil and gas, mineral and other natural resource development. He also directs CIRI's efforts in developing renewable and alternative energy projects. Schutt is Athabascan and from Tok, Alaska. He joined CIRI in 2005 as general counsel. Previously, he was general counsel for Tanana Chiefs Conference in Fairbanks, Alaska. Schutt served on the Doyon Ltd. board of directors from 2003 to 2006. He serves on the boards of Covenant House Alaska and the Resource Development Council. He is also the chair of the advisory council for the Alaska Center for Energy and Power and is co-chairing Commonwealth North's Rural and Alternative Energy Study Group. Schutt was selected as an Alaska Top 40 Under 40 award recipient in 2004. He earned a bachelor's degree in mathematics with honors from Washington State University in 1995 and a juris doctor from Stanford Law School in 1999. He was a law clerk for Alaska Supreme Court Justice Walter Carpeneti.

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Schwörer	Tobias	Institute of Social and Economic Research	Heating Opportunities - Beyond Biomass, Wed 1:30pm	Tobias earned his M.S. in Resource Management with emphasis in ecological economics from Simon Fraser University, Canada in 2007, and a B.A. in economics with concentration in environmental studies from University of Alaska Anchorage (UAA) in 2003. Originally from Germany, he joined UAA's collegiate cross-country skiing and running teams after a career as a professional ski racer in Germany. Tobias worked at the Institute of Social and Economic Research - UAA as a student and Research Associate until 2004 and was employed as an economist in a private consulting firm in Juneau and Anchorage between 2007 and 2009. He then returned to Institute of Social and Economic Research - UAA and currently focus on regional economic analysis, particularly the development of input-output models. Research interests are cross-disciplinary and include the modeling of uncertainty for various aspects of economic analysis, the economic valuation of biodiversity, fisheries economics, and transportation.
Scott	Darren	Kodiak Electric Association	Performance of Wind Systems, Tues 1:30pm; Grid Integration and Power Quality, Wed 1:30pm	Darron Scott is President and CEO of Kodiak Electric Association, Inc. Darron has been in this role since 2000, previously he was involved in power generation in Texas. Darron earned a degree in mechanical engineering from Texas A&M. He has been significantly involved in KEA's attempt to achieve its' vision of endeavoring to produce 95% of energy sales with cost effective renewable power by 2020.
Scott	Dean	Commonwealth Associates	Transmission Project Challenges, Wed 3:30pm	Mr. Scott currently works for Commonwealth Associates, Inc. as a project manager and has more than 40 years of professional experience in the planning, design, and construction of high-voltage transmission lines. His transmission project experience in Alaska began in 1976 as Design Representative during construction of the Snettisham 138 kV Transmission, Salisbury Ridge relocation. Later, he served as Project Manager for design of the 31-mile Swan Lake 115 kV line near Ketchikan and the 13-mile Green Lake 69 kV line near Sitka. In 2007, he took on the role of Project Manager for the 57-mile 138 kV Swan-Tyee Intertie Project, serving as SEAPA's Project Manager during construction. Other Alaska work has focused on the evaluation of transmission line projects throughout southeast Alaska. The work has included route evaluations, development of design criteria, conceptual design, and preparation of cost estimates for construction.

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Selvaggio	Steve	Whitestone Power	Permitting and Regulations, Tues 1:30pm	Steve Selvaggio has been the lead permitting consultant for the Community of Whitestone for the past 20 years. He has worked across a broad range of activities requiring special permits from road construction to river docks. His experience includes consultation at the local, tribal, state and federal levels including every major State of Alaska regulatory agency. His expertise has been instrumental in the complete authorization from all relevant agencies for deployment of the Poncelet Kinetics RHK100 hydrokinetic turbine at Whitestone, Alaska.
Sjoding	Dave	US Dept of Energy - Northwest Clean Energy Application Center	Biomass - From Goals to Strategy to Reality, Tues 3:30pm; Heating Opportunities - Beyond Biomass, Wed 1:30pm	David is seen as a Renewable Energy Specialist with thirty years experience in the energy field. His experience in the energy field focuses on the areas of renewable energy, energy efficiency, climate change, distributed generation and energy policy. He is a Renewable Energy Specialist at the WSU Extension Energy Program. He serves as Team Leader of the six state Pacific Regional Bioenergy Partnership and leads the five-star Northwest Clean Energy Application Center. Dave focuses on clean heat and power, bioenergy, farm energy, geothermal, and hydrogen/fuel cells in his current job assignments. Sjoding served as an Assistant Director for many years at the Washington State Energy Office before coming to the WSU Energy Program in 1996. In addition, he chaired the Power Washington Review Committee, which ultimately allocated over \$95 million in oil settlement funds. He has a Masters in Public Administration from the University of Washington. He has a strong understanding of the northwest energy policy framework and structure.
Skaling	Sean	Alaska Energy Authority	Visualizing Energy Information and Projects using GIS, Wed 10:30am; Regional Energy Efficiency Planning and Implementation, Wed 3:30pm	Sean Skaling is the Program Manager for Energy Efficiency and Conservation at the Alaska Energy Authority. He earned a master's degree and recently received accreditation by the Association of Energy Engineers as a Certified Energy Auditor. As manager of energy efficiency projects in more than 125 Alaska communities, Mr. Skaling became interested in portraying all the effective energy efficiency projects in a manner that is transparent and easily available to the public. Hence was born the Alaska Energy Efficiency Map, which will be unveiled shortly.

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Smith	Read	25x25	Biomass - From Goals to Strategy to Reality, Tues 3:30pm	Read Smith is the National Steering Committee Co-Chair for the 25x'25 organization. 25x'25 is a rallying cry for renewable energy and a goal for America - to get 25 percent of our energy from renewable resources like wind, solar, and biofuels by the year 2025. Read owns and operates a family farm near Whitman, Washington which consists of nearly 10,000 acres and produces wheat and cattle.
Smith	Cory	Resource Data, Inc.	Visualizing Energy Information and Projects using GIS, Wed 10:30am	Cory Smith is a Programmer / Analyst for Resource Data Incorporated (RDI) and one of their primary technical experts for designing and building GIS web-based solutions using Google Map services. He has worked as the primary developer on many successful GIS projects, including the recently upgraded Anchorage Live web site.
Soboleff	Nathan	Sealaska	Energy for Community Health, Thurs 10:30am	Nathan Soboleff has a Bachelors of Science from Oregon State University's College of Forestry in 1997 and a Master of Science from University of Alaska Fairbanks's School of Fisheries and Ocean Sciences in 2005. Nathan is the Renewable Energy Program Manager for Haa Aaní, LLC a subsidiary of Sealaska Corporation whose primary focus is about creating sustainable communities. He is currently working on expanding Alaska's wood pellet heating industry, and has other projects involving: wood gasifiers, biodiesel production from fish waste and used cooking oil, the Community Quota Entity fisheries development program and greenhouse programs for local food production. Nathan has 3 children (most recently baby "X") due out in mid-September, both him and his wife are were born and raised in Juneau and have no plans of leaving, and want to ensure that their children will have a future here too.
Stanley	Barbara	US Forest Service	Permitting and Regulations, Tues 1:30pm	Barbara Stanley is the Alaska Regional Energy Coordinator for the US Forest Service and works in Ketchikan. She has more than 27 years of experience with the Forest Service in Alaska and has worked in Juneau, Ketchikan, Sitka, Craig and Thorne Bay. Experience includes recreation planning, special use permitting, minerals administration, land exchanges and land conveyances, and now for the last year and a half—energy, with an emphasis on hydropower. Her education background includes the B. Music degree in performance from DePauw University, M.S. in natural resource management from Purdue University, and additional graduate work in forestry at Duke University.

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Strandberg	Jim	Alaska Energy Authority	Financing a Project, Tues 1:30; Thinking as a Region Case Study, Thurs 8:00am	After joining the Alaska Energy Authority in 2006, Strandberg has been engaged in energy infrastructure planning and construction projects throughout the state. Mr. Strandberg is currently engaged in Railbelt projects to improve system reliability and prepare for the integration of renewable energy projects into the Railbelt Generation and Transmission grid. He is also involved with Southeast Alaska utilities and communities to develop regional plans, interties and renewable energy solutions for Southeast Alaska. Jim has two grown children each pursuing Engineering Careers.
Stromberg	Rich	Alaska Energy Authority	Performance of Wind Systems, Tues 1:30pm	Rich holds a BS in Mathematical Sciences and a BA in Journalism. He worked as an engineer, scientist and manager in the semiconductor industry for 22 years. He has been with Alaska Energy Authority for two years and currently runs the statewide wind program. He has installed several small solar and wind energy systems and has designed and built a sustainable house in southern Colorado.
Thiesson	Jessica	Yukon Energy	Demand Side Management, Thurs 10:30am	No bio available
Thomas	Edward K.	President, CCTHITA	Welcoming Remarks	No bio available
Thompson	Bill	Alaska Village Electric Cooperative (AVEC)	Performance of Wind Systems, Tues 1:30pm	No bio available
Towarak	Isaiah	Unalakleet Valley Electric Cooperative	Performance of Wind Systems, Tues 1:30pm	No bio available

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Treadwell	Mead	Lt Governor	Regional Breakout Session Reports, Thurs 2:00pm	Mead Treadwell was elected as Alaska's lieutenant governor in November 2010. He is committed to helping Governor Sean Parnell strengthen Alaska's economy by filling the TransAlaska Pipeline, facilitating a gas pipeline, bringing affordable energy to Alaskans and standing up to the federal government to ensure access to our natural resources. On a national level, he has been influential in bringing about a national missile defense system, in shaping U.S. Arctic policy and in establishing circumpolar cooperation. A graduate of Yale University and the Harvard Business School, Treadwell brings a record of private and public sector success to his job as lieutenant governor. Lt. Governor Treadwell is recognized as one of the world's Arctic policy experts. Under his leadership, a new United States Arctic policy was developed and adopted by President Bush and is now being implemented by the current administration.
Tsigonis	Robert	Lifewater Engineering	Energy for Community Health, Thurs 10:30am	Bob Tsigonis holds a Bachelor of Engineering degree in general engineering from Dartmouth College and a Master of Science in engineering & science management from UAF. He is a registered engineer with 38 years of environmental engineering experience in Alaska. Bob founded Lifewater Engineering Company, which manufactures innovative, on-site sewage treatment systems for extremely cold climates and poor soils. He holds U.S. and Canadian patents on these cold climate sewage treatment systems and a U.S. patent on a fluid distribution box that distributes fluid equally from all ports regardless of the orientation of the box. He helps teach a short course in cold regions engineering four times per year at the University of Washington and he enjoys volunteering with organizations that provide potable water to people in underdeveloped areas around the world.
Tyler	Ryan	Ocean Renewable Power Company	Hydrokinetic Update, Wed 3:30pm	Ryan Tyler works for Ocean Renewable Power Company, LLC (ORPC) as the project manager and field engineer for their RivGen(TM) Power System. In 2011, Ryan received a masters degree from the University of Washington in Mechanical Engineering and he has performed research in hydrokinetics both for the Alaska Hydrokinetic Energy Research Center (AHERC), and as a member of the Northwest National Marine Renewable Energy Center (NNMREC).

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Vassar	Ken	Birch, Horton, Bittner and Cherot	Financing a Project, Tues 1:30pm	Kenneth E. Vassar is of counsel at Birch Horton Bittner & Cherot, in the firm's Anchorage, Alaska office. He has practiced in the area of public bond financing for over 28 years and is currently bond counsel to the Alaska Industrial Development and Export Authority, the Alaska Energy Authority, the Alaska Housing Finance Corporation (and its subsidiary, the Northern Tobacco Securitization Corporation), and other Alaska bond issuers. He is also counsel to the Alaska Gasline Development Corporation. He has taken part in a wide variety of bond transactions, including electric generation facility; taxable and tax-exempt; refunding and new money; variable rate and fixed rate; and bonds secured by revenues, letters of credit, and other security instruments. He earned his J.D. in 1976 from the University of the Pacific/McGeorge School of Law, and his B.A. in 1973 from California State Polytechnic University in Pomona. He is currently enrolled in the LL.M. in Tax Program at the University of Alabama School of Law and expects to receive his LL.M. degree in June of 2012. He is admitted to practice in Alaska, Oregon and California.
Venables	Robert	Southeast Conference	Putting Alaska Energy into Perspective, Tues 10:30; Thinking As a Region Case Study, Thurs 8:00am	Robert Venables is the Energy Coordinator for Southeast Conference, Alaska's Regional Development Organization for southeast. He also served 7 years on their board of directors and is a past president. Robert lives and works from Haines where he was previously employed as the Borough Manager and Economic Development Director. He stays quite involved with his local community by serving on a number of boards, including the Haines Borough Planning Commission and is the Chair for the state's Marine Transportation Advisory Board.

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Waldrip	Karen	Sandia National Laboratory	Energy Storage, Tues 3:30pm	Karen Waldrip currently serves as Sandia National Laboratories' Deputy Program Manager of the Energy Storage Systems Program for the US Department of Energy's Office of Electricity. She joined the Advanced Power Sources R&D department as a staff scientist in 2004 and has worked on developing novel chemistries for batteries and capacitors. She earned her Bachelors of Science degrees in Chemistry and Physics from George Mason University in Fairfax, Virginia, USA in 1994 and a Masters and PhD in Materials Science and Engineering from the University of Florida in 2001. Under a General Electric doctoral fellowship at Sandia National Laboratories, she co-developed with Dr. Jung Han the first room temperature optically-pumped ultraviolet vertical cavity surface emitting laser (VCSEL) based on gallium nitride and aluminum nitride thin films. Her postdoctoral work at Sandia focused on inventing and demonstrating feasibility of the Electrochemical Solution Growth technique for growing boules of metal nitrides at atmospheric pressure for applications including power electronics and solid-state lighting.
Waterman	Scott	Alaska Housing Finance Corporation	Progress Toward Alaska's Renewable and Efficiency Goals, Tues 3:30pm	Scott Waterman is the State Energy Program Manager at Alaska Housing Finance Corporation. He oversees energy efficiency efforts on residential and commercial public facilities. He has been with AHFC since 1993, and helped design the Alaska Home Energy Rebate Program, the Energy Efficiency Revolving Loan Fund, and over sees the <u>ARIS and AKWarm design process</u>
Williams	Frank	Alaska Center for Energy & Power - UAF	Energy Storage, Tues 3:30pm	Frank Williams joined ACEP in August, 2011, after serving UAF as Dean of Engineering, Director of INE, Director of the Arctic Region Supercomputing Center, and Vice Chancellor for Administrative Services. Prior to that he worked his way up the faculty ranks and became Chairman of Chemical and Nuclear Engineering at the University of New Mexico. Frank's degrees are all in Chemical Engineering with a B.S. from Northwestern University and a M.S. and Ph.D. from Stanford University.

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Willis	Scott	Alaska Electric Light & Power Company	Unintended Consequences, Wed 12:30pm; Demand Side Management, Thurs 10:30am	Scott Willis is the Vice President of the Generation Department and Generation Engineer for Alaska Electric Light & Power (AEL&P). He has a Bachelor's and Master's Degree in Civil Engineering and is a registered Professional Engineer. He has been involved with power systems in Alaska since 1984 when he moved to Alaska and joined the Alaska Power Administration (APA) working with the Eklutna and Snettisham projects. In 1996 Scott joined AEL&P and helped to transition the Snettisham project from APA to the State of Alaska. AEL&P operates and maintains the Snettisham project through a contract with the State of Alaska as well as four AEL&P owned hydro-electric plants and three standby diesel plants.
Witmer	Dennis	Energy Efficiency Evaluations	Mythbusters, Tues 12:30pm; Energy Storage, Tues 3:30pm; Alternative Fuels, Thurs 10:30am	Dennis Witmer earned a Bachelor's of Science in Physics from Millersville University in 1980, and a PhD in Materials Science and Engineering from the University of Pennsylvania in 1985. After a brief stint at Bell Labs, he followed his "runs with wolves" wife (and she's caught a few) wife to Kotzebue, Alaska, mostly to pursue his passion in photography. They moved to Fairbanks in 1991. In 1998, Dr. Witmer took up a research faculty position at UAF with a project to look at the suitability of fuel cells as a possible replacement for diesel power generation in rural Alaskan communities. Over the next decade, he was involved in technology assessments of multiple new technologies. In 2009, he began his own company, Energy Efficiency Evaluations, and continues his work, and is currently very interested in new flow battery technologies.
Worthington	Monty	Ocean Renewable Power Company	Permitting and Regulations, Tues 1:30pm	Monty Worthington is ORPC Alaska's Director of Project Development. For more than 10 years he has been working in the renewable energy field. This work has included remote off-grid as well as grid-tied commercial and residential photovoltaic, wind, and micro-hydro systems in Alaska, California, throughout the Pacific Northwest and in Asia. His current work is focused on tidal and river hydrokinetics, overseeing the development and permitting of ORPC's projects in Alaska including their tidal energy projects in Cook Inlet and river hydrokinetic project at Nenana on the Tanana River.