



**Tribal Solar Working Group Meeting**  
Health and Learning Center, Room 2403  
Northern Arizona University  
Flagstaff, Arizona  
November 18, 2014

## Agenda

**9:00 a.m. – 10:00 a.m.**

### **Welcome, Introductions and Working Group Overview**

The Tribal Solar Working Group was formed to bring together tribal and non-tribal professionals interested in the development of solar energy on tribal lands. We will discuss the structure and goals for the working group and provide an opportunity for introductions by all attendees.

*Dr. Joseph Martin, Special Advisor to the President, and  
Ann Marie Chischilly, Executive Director, Institute for Tribal  
Environmental Professionals, Northern Arizona University  
Amanda Ormond, Principal, Ormond Group*

**10:00 a.m. – 11:30 a.m.**

### **AEC's Energy Roadmap and Solar Strategic Plan**

The Arizona Energy Consortium (AEC) works to foster Arizona's competitive advantages as a place to conduct energy business and to generate power for the region. The AEC believes Arizona is in a unique position as an energy hub for the southwest US and Mexico. Tribal nations offer many resources that provide opportunities to significantly contribute to the region's energy needs. The AEC will discuss these topics, as further outlined in its Arizona Energy Roadmap and Arizona Solar Strategic Plan, to encourage a balanced portfolio that includes an increase in solar energy development.

*Michelle De Blasi, Attorney, Gammage & Burnham  
Chris Davey, President, EnviroMission*

**11:30 a.m. – 1:00 p.m.**

**Lunch** (see map for on and off-campus choices)

**1:00 p.m. – 1:45 p.m.**

### **Financial Modeling for the Jemez Solar Project**

NAU's Mechanical Engineering Department has been helping the Jemez Tribe in New Mexico to assess the economics of various configurations for a solar project using the National Renewable Energy Laboratory's System Advisor Model (SAM). We will review the model, how it can be used to help tribes plan and size a project, and what type of data is needed to inform the model.

*Tom Acker, Professor, Mechanical Engineering, Northern  
Arizona University*

**1:45 p.m. – 2:15 p.m.**

### **Transmission Overview**

The Southwest Area Transmission (SWAT) group is a collaboration of utilities, consultants and developers who plan and build the high voltage transmission system that moves electricity around Arizona and the region. Patrick Harwood will provide an overview of the transmission in our state and ownership of the different lines.

*Patrick Harwood, Transmission Planning Engineer, Western  
Area Power Administration*

**2:15 p.m. – 2:45 p.m.**

**Renewable Energy Investment Fund**

The Grand Canyon Trust recently concluded a program to provide \$5 million in funds for solar, wind and energy efficiency projects for schools and homes on Native American reservations in Arizona and northern New Mexico. These funds were made available through a settlement agreement with owners of a coal-fired power plant. We will review the success of that program and discuss lessons learned on renewable energy development in partnership with native communities.

*Roger Clark, Program Director, Grand Canyon Trust*

**2:45 p.m. – 3:15 p.m. Break**

**3:15 p.m. – 3:30 p.m.**

**Choosing Energy Resources**

Arizona has an Integrated Resource Planning process that requires regulated utilities to evaluate a variety of energy resources to meet the energy needs of its customers. We will review what factors a utility considers when choosing future energy resources.

*Amanda Ormond, Principal, Ormond Group*

**3:30 p.m. – 4:00 p.m.**

**Survey of Tribal Needs**

Future meetings of the Tribal Solar Working Group will bring in the speakers and cover the issues most important to tribes. Attendees will spend some time thinking through and evaluating options for future meetings and tour sites.

*Amanda Ormond, Principal, Ormond Group*

**4:00 p.m. – 5:00 p.m.**

**Tour of Area Solar Facility**

**Murdoch Community Center Solar Mosaic Project**

The non-profit Murdoch Community Center recently installed an 8 kW photovoltaic system using an innovative funding mechanism. Attendees will have the opportunity to view the system and learn how the Center developed the project. Deborah Harris will conduct the tour. For more information:

<http://northernarizona.co/murdoch-center-flagstaff-solar-mosaic-project/>

*The Tribal Solar Working Group is a project of the Tribal Clean Energy Resource Center of the Institute for Tribal Environmental Professionals at Northern Arizona University.*