



Tribal Solar Working Group Meeting and Solar Tour

April 30 & May 1

NAU Health & Learning Center 2405
Flagstaff, AZ

Meeting Agenda April 30, 2015

9:00 – 9:45 am

Participant Introductions & Previous Meeting Recap

Ann Marie Chischilly, Executive Director, ITEP, NAU
Amanda Ormond, Principal, Ormond Group

9:45 – 10:30 am

Wholesale Energy Markets 201

Last meeting Al Austin presented a [wholesale energy market 101 session](#) where he reviewed the elements of the wholesale market and how energy is bought and sold around the West. Al will provide a more in-depth presentation about selling into the wholesale market.

*Allan Austin, Lead Energy Management & Marketing
Specialist, Desert Southwest Regional Office, Western
Area Power Administration*

10:30 am – 10:45 am Break

10:45 am – 12:15 pm

Strategies for Successful Project Development

In this session experts will share strategies and lessons learned on how to develop successful tribal energy projects from their experience working with a number of tribes. We will also touch on financing with speakers describing how they financed their projects and the pros and cons of each.

Tim Willink, Grid Alternatives
Nicole Woodman, City of Flagstaff
Sue Brown, Coconino County (invited)
*Carolyn Stewart, Director Tribal Relations, NextEra
Energy*

12:15 – 1:45 pm

Lunch on Your Own

1:45 – 3:30 pm

Strategies for Successful Project Development (cont'd)

3:30 – 3:45 pm - Break

3:45 – 4:30 pm

Financing Options Wrap Up

As a final look at financing, we will learn how it has been used for housing and economic development.

David Castillo, Native Home Capital



May 1, 2015
Solar Tour Details
8:00 am – 12:30 pm MST

Tour participants will visit two sites near Leupp, Arizona on the Navajo Nation to learn about solar-powered water projects. Although the Navajo Nation observes Daylight Savings Time, the tour schedule times are Mountain Standard Time (Flagstaff).

Tour 8:00 am – 12:30 pm

Participants will leave Flagstaff and drive an hour east to North Leupp Family Farms to tour a 21 kW PV direct off-grid system powering a 360 gallon-per-minute pump used to irrigate this community and market farm. This project, funded by a Natural Resources Conservation Services Conservation Innovation Grant, showcases the use of solar PV water pumping for irrigation in the arid and semi-arid Southwest.

From the farm, we'll drive to a nearby University of Arizona site where the U.S. Bureau of Reclamation funded a pilot to test solar distillation technology. The technology makes relatively small volumes of purified water which is mixed with locally available water to improve its quality. Mixing rates depend on the end use and starting quality of the water.

Travel

Participants will meet at 7:45 am at a central location in Flagstaff to caravan to the site. We will leave at 8:00 am, arriving at North Leupp Family Farms at 9:15 am (MST). The tour will end at the University of Arizona water distillation project at 11:30 am. Those returning to Flagstaff will arrive at 12:30 pm. Tour participants will be provided with maps and specific tour information at the meeting.

Meeting and Tour RSVP

Meeting and tour participants RSVP by Thursday, April 23 to shawn.newell@nau.edu or 928-699-3441.



**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.**

It was formed to bring together tribal and non-tribal professionals interested in the development of solar energy on tribal lands.

<http://www4.nau.edu/itep/>