



Renewable Energy Project Development and Finance Workshop
AGENDA
Feb. 9–11, 2016

Agua Caliente Resort and Casino
32-250 Bob Hope Dr.
Rancho Mirage, CA 92270

Learning Objectives

- 1) Understand the process for and potential pitfalls of developing and financing community- and facility-scale renewable energy projects
- 2) Discover how the development of a renewable energy project can further tribal goals
- 3) Learn from the experience of other tribes that have undertaken renewable energy development efforts.

Anticipated Results: Attendees will be comfortable discussing renewable energy project development possibilities with project developers and project financing options with potential investors. Potential tribal roles will be clear and participants will better understand the five-step project development and financing process.

What to Do Ahead of Time:

- Email your tribe's strategic energy plan (if available) to tribalworkshops@nrel.gov
- Email available relevant background and information on existing or planned renewable energy projects to tribalworkshops@nrel.gov
- Be prepared to identify and share with the group your primary reasons for coming/what you hope to get out of the training
- Consider whether your project would benefit from up to 40 hours of technical assistance from DOE. You can learn more about it here: www.energy.gov/indianenergy/technical-assistance. If interested, bring an outline defining the type(s) of assistance you need. We will have technical assistance experts from DOE's National Renewable Energy Laboratory (NREL) on hand who can explain the various offerings, talk through what might make the most sense for your project, and sign you up onsite!

What to Bring to the Workshop:

Bring your laptop so you can connect with National Renewable Energy Laboratory (NREL) technical experts in Colorado (please be sure you have Skype installed) and download and use online tools and models to complete workshop exercises onsite.



Day 1 – Tuesday, Feb. 9, 2016

Time	Topic	Speaker/Activity
8:15–8:30 a.m.	Registration and Networking (Light Breakfast Provided)	
8:30–9:00 a.m.	Welcome	Chris Deschene, Director, U.S. Department of Energy (DOE) Office of Indian Energy Policy and Programs Sarai Geary, Program Manager, DOE Office of Indian Energy Policy and Programs Agua Caliente Band of Cahuilla Indians
9:00–9:30 a.m.	Workshop Overview	NREL
9:30–10:00 a.m.	Introductions Around the Room	NREL
10:00–10:15 a.m.	Break and Networking	
10:15–11:00 a.m.	Strategic Energy Planning	NREL Activity 1: Identify Key Stakeholders Activity 2: Strategic Energy Planning Key Questions/Considerations
11:00–11:30 a.m.	U.S. Department of Agriculture (USDA) Rural Energy for America Program (REAP) Overview	Janice Waddell, USDA
11:30 a.m.–12:00 p.m.	Overview of the Five-Step Process for Developing Tribal Energy Projects	NREL
12:00–1:00 p.m.	Lunch (Provided) and Networking	
1:00–2:00 p.m.	Case in Point	Agua Caliente Band of Cahuilla Indians
2:00–4:00 p.m.	Tour of Agua Caliente Solar Installations	Agua Caliente Band of Cahuilla Indians



Day 2 – Wednesday, Feb. 10, 2016

Time	Topic	Speaker/Activity
8:45–9:00 a.m.	Coffee and Networking (Light Breakfast Provided)	
9:00–10:00 a.m.	Project Potential: What can we do?	NREL Activity: Resource Map/Siting
10:00–10:30 a.m.	Case in Point	Jana Ganion, Blue Lake Rancheria
10:30–10:45 a.m.	Break and Networking	
10:45–11:15 a.m.	Project Options: How do we want to pursue a project?	NREL Activity: Tribal Roles
11:15–11:30 a.m.	Break and Networking	
11:30 a.m.–12:00 p.m.	Project Options Continued	NREL
12:00–1:00 p.m.	Lunch (Provided) and Networking	
1:00–2:00 p.m.	Project Refinement: How do we finance the project? Activity	NREL
2:00–2:30 p.m.	Case in Point	Rebecca Kauffman, Southern Ute Alternative Energy
2:30–2:45 p.m.	Break and Networking	
2:45–3:30 p.m.	Project Refinement Continued	NREL Activity: Request for Proposal (RFP) Ranking
3:30–4:00 p.m.	Project Implementation: How do we complete the project?	NREL
4:00–4:10 p.m.	Break and Networking	
4:10–4:45 p.m.	Case in Point	Brian Adkins, Bishop Paiute Tribe
4:45–5:15 p.m.	Wrap-Up and Activity	Activity: Jeopardy!



Day 3 – Thursday, Feb. 11, 2016

Time	Topic	Speaker/Activity
8:45-9:00 a.m.	Plan for Day 3	NREL
9:00–9:45 a.m.	Operations & Maintenance (O&M)	NREL
9:45–10:15 a.m.	Case in Point	Michael Castello, Soboba Band of Luiseño Indians
10:15–10:45 a.m.	Technical Assistance: System Advisory Model (SAM) Live Walkthrough	NREL
10:45–11:00 a.m.	Workshop Evaluation	NREL
11:00 a.m.–12:00 p.m.	Lunch (Provided) and Networking	
12:00–2:00 p.m.	Technical Assistance: Apply Onsite	NREL



Speaker	Description
Agua Caliente	Solar parking lot at the casino, also doing a tour
Torres Martinez	SEP with Sandia
Saboba	Solar development with Optimum Group, DOE grant winner
Ewiiapaayp Band of Kumeyaay Indians	The Tribe and Iberdrola Renewables have succeeded in obtaining the DOI approved EIS Record of Decision and defended it on appeal. The Project, named the Tule Ridgeline Wind Energy Project, will be 69MW in size. The request for technical assistance is for DOE or other federal agency grant or loan/bond programs that would help reduce the cost of the Project that is extraordinarily costly due to the remote and high ridgelines of the Project site the and expense of building Project infrastructure, including roads, as well as mitigation measures for conservation restrictions.
Washoe Tribe of Nevada and California	RE Feasibility Study
Te-Moak Tribe of Western Shoshone/Battle Mountain Colony	Feasibility Study for Battle Mountain Renewable Energy Park
Tonto Apache Tribe	DOE grant for solar on tribal community buildings
Gila River Indian Community	RE Feasibility Study
Hualapai	Have solar and wind in AZ
Hopi	Microgrid study, WAPA market analysis
Bishop Paiute	Solar with DOE and Grid

