

## Sunday 09/27/09 Workshops

Start Times	Aspen	Birch	Cedar	Dogwood	Elder	Quad (outdoors)
9:00 AM - 10:15	<b>Energy Independence: How to Reduce Your Utility Bills (EE)</b> Randy Sadewic, Positive Energy Dalinda Bangert, EcoTerra Ent. (free workshop for early birds)	<b>Using Generators in On-Grid &amp; Off-Grid Home Systems (T/P)</b> Allan Sindelar, Positive Energy				
	-- 15-min break --	<b>10:00 High-Mass Solar Floor (T/P)</b> Robert Stout, Southwest Solar Design				
	-- 30-min break --	11:15: Tech/Prof Session I				
10:45 AM - 11:45	<b>Energy Literacy: Understanding Numbers that Matter (EE)</b> Alan Zelicoff	<b>(T/P): The MicroFactory: Efficient Small-Scale Production</b> Patrick Gallagher, Solar Automation	<b>Renewable Energy Policy for New Mexicans (EP)</b> Patrick Griebel, Consolidated Solar Technologies	<b>Green Building for Dummies (DM)</b> Robert Montoya Extreme Green Design Build	<b>Off-Grid Solar PV Systems (R)</b> Allan Sindelar, Positive Energy	
	-- 15-min break --	<b>Surprise! Things We Didn't Expect (T/P)</b> Randy Sadewic, Positive Energy	-- 15-min break --	-- 15-min break --	-- 15-min break --	
12:00 PM - 1:00	<b>Introduction to Solar Electricity (R)</b> Claudia Pavel, Positive Energy	<b>Two-Axis Tracking for the Price of One (T/P)</b> Kevin Tan, Zomeworks	<b>New Mexico's Path to a Sustainable Energy Future (EP)</b> Jason Marks, PRC	<b>Green Cars, Blue Cars: How to Achieve Nirvana with Your Car (TF)</b> Skip Dunn, GreenWheels & BlueWheels	<b>Solar Heated Swimming Pools (HCW)</b> Jim D. Palmer, PE, CEM, GEB, LEED NRG Engineering	<b>Hands-On Weatherization Training for Homeowners (EE)</b> Carrie McChesney, NM Solar Energy Association
	-- 15-min break --	1:00: Tech/Prof Session II	-- 15-min break --	-- 15-min break --	-- 15-min break --	
1:15 PM - 2:15	<b>Ten Things to Do BEFORE You Go Solar (EE)</b> Ryan Wallace, Affordable Solar	<b>Integrated Energy Design Towards Net-Zero Building (T/P)</b> Matt Higgins, Green Insights/ED	<b>10 Things I Wish Knew When I Started Installing a Residential Grid-Tied System (T/P)</b> Aaron Cabral, Affordable Solar	<b>Passive Solar Residential Design &amp; Construction (DM)</b> Mark Feldman, High Desert Construction, Inc.	<b>What's Your Solar Payback? (F)</b> Nick Bavic Affordable Solar	
	-- 15-min break --	<b>A Survey of Energy Performance Software (T/P)</b> Baldwin Burr	-- 15-min break --	-- 15-min break --	-- 15-min break --	
2:30 PM - 3:30	<b>Solar Hot Water Basics (HCW)</b> Odes Armijo-Caster, Sacred Power	<b>Statements of Work: A Legal Perspective (T/P)</b> Colin Adams, Law Offices	<b>Heating &amp; Eating with Mini Greenhouses &amp; Solar Growing Pods (SL)</b> Jeron Smith, Laysa Design Group	<b>How One Homeowner Got His Home PV-Ready (EE)</b> Robert Mallory, Southwest Noise Control	<b>Basics of Wind Energy: Terms &amp; Technology (R)</b> Mark Rumsey, Sandia Labs	<b>Simple Solar Systems Using Selective Surface Absorbers (R)</b> Helene Beauchamp, Zomeworks
	-- 15-min break --	<b>3:00 - 103 Years of Wood Frame Structures (D/M), K. Erickson</b>	-- 15-min break --	-- 15-min break --	-- 15-min break --	
3:45 PM - 4:45	<b>Financing Your Solar Installation (F)</b> Brian Cassut, Consolidated Solar Technologies	<b>4:00 - Energy Efficiency: The ABCs of LEDs (DM)</b> Mary Broemel & Justin Armstrong	<b>The (Truly) Sustainable Vegetable Garden (SL)</b> Laurie Lange, BotanicArts	<b>Building Green in NM: New Construction &amp; Home Remodels (DM)</b> Steve Hale, Build Green NM	<b>Medium Speed Electric Vehicles: An Urban Revolution (TF)</b> Dr. Paul J. Watson, Electric Cars of Albuquerque, LLC	