

**TRACK NAME**

Guide to Southwestern Green Living – Natural Awakenings

SESSION NAME

Solar Electric (Photovoltaic) Systems for Residential Grid-tie

DATE + TIME + ROOM NUMBER

Saturday Sept 6th – 4:00pm – Room 101B

SESSION DESCRIPTION

This presentation will provide the big picture concerning residential solar electric systems tied to the electric grid. After a brief synopsis of the history and science of photovoltaics, we will explain considerations for choosing a system, how to appropriately size a system and what the financial implications are, including incentives and investment strategies.

PRESENTOR(s)

Lane Garrett – ETA Engineering, Inc. & Dependable Solar Products, Inc.

Leah Bushman – Dependable Solar Products, Inc.

PRESENTOR BIOGRAPHY(s)

Lane Garrett, P.E., C.E.M., is the Chairman and CEO of both ETA Engineering & Dependable Solar. With more than four decades of experience as an entrepreneur and engineer in the fields of energy conservation and renewable energy, he serves on numerous industry-related boards, having founded and/or chaired many of those organizations. Among the first involved in the commercial solar electric industry in Arizona, many professionals in the industry today began their careers working under Lane or learning from him through his lectures, seminars and professional training courses.

Leah Bushman is a solar consultant for Dependable Solar, a past Regional Director at large for the Arizona Solar Energy Association (ASEA) and Director of the Fountain Hills Sub-chapter of ASEA. While currently focused on solar electric (photovoltaic) systems, she also has past experience in solar hot water and thermal space heating. Her passion is in educating others in solar energy, weatherization, energy conservation and sustainability.

CONTINUING EDUCATION CREDIT (CEU)

N/A