

# O Energy Expo Seminar | Smarter Energy = Savings

SEE PAGE 5 FOR DATE/TIME & REGISTRATION INFORMATION



## The Line Up | SPEAKERS



**Sam Rashkin**~ As Chief Architect for the US Department of Energy's Building Technologies Office, Sam's primary role is leading deployment of proven innovations for new and existing high-performance homes. In his prior position, he managed the growth of ENERGY STAR for Homes from its inception in 1996 to more than 8,000 builder partners, over one million labeled homes, and over 25 percent market penetration nationwide. During his 20-plus years as a licensed architect, he specialized in energy efficient design and completed over 100 residential projects. He has served on the national Steering Committees for USGBC's LEED for Homes, NAHB's Green Builder Guidelines, and U.S. EPA's Water Sense and Indoor air PLUS labels. Mr. Rashkin has been recognized for his contributions to sustainable housing with the 2012 Hanley Award and is a published author. More [HERE](#) (Power Point ½ Hr.)



**Nancy Kellogg**~ Nancy Kellogg is a Program Associate in the Buildings Program at the Southwest Energy Efficiency Project (SWEET). Encouraging the building industry towards Zero Energy (ZE) and High Performance building. She became a RESNET Certified Rater in 1997, pioneering energy ratings into the existing home market and ENERGY STAR testing and inspections for new homes. She furthered her building science knowledge in 2008, becoming a Building Performance Institute (BPI) Building Analyst and Level I Thermographer, conducting energy ratings and audits.

As Senior Home Performance Advisor and Existing Homes Manager, she worked on Xcel Energy's Home Performance with ENERGY STAR and Loveland Water and Power's Home Energy Efficiency programs. In these roles she, regularly presented program details to the public, evaluated program metrics, managed client interactions and expectations, and developed processes and auditor tools including field sheets, report templates, and cost savings estimating tools. In her Energy Advisor role, she motivated

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homeowners to action through explanation of rebates, evaluation of bids, interpretation of reports, prioritization of appropriate improvements and ongoing phone support.

Education~ Fort Lewis College - Durango, Colorado - BA Business CERTIFICATIONS~ RESNET Certified Rater, Building Performance Institute Building Analyst, & Level I Thermographer More [HERE](#) (Power Point 20 Min)

### 15 MINUTE BREAK



**Tanner McDonald**~ a General Contractor in AZ with a license KB-2 Dual in Residential & Small Commercial since 2005. A RESNET HERS Rater sense 2016. He understands building from the ground up starting at the drafting board, implementing quality sound building techniques with Energy Efficient and Healthy homes. More [HERE](#). He comes from a family owned business in excavation and earth moving technology, [McDonald Bros](#) whose services are specialized and vast. They provide all for preliminary project planning to final inspections. They have been in business in Camp Verde for 40 years specializing in Mass Excavation, Rock Excavation, Fine Grading & Laser Leveling, Concrete and Cabins, Paving, chip seal and seal coat, Underground Utilities, septic systems, Portable Screen, Demolition. All this education coupled with the latest in Energy Efficiency and Healthy building systems give Tanner a wide range of knowledge in his field. (Power Point 20 Min.)



**Michael Szerbaty**~ is an accomplished designer with more than 35 years of experience in the practice of architecture. He has an extensive portfolio of work that encompasses large and small projects – from colleges and universities, health care, K-12, commercial, cultural and civic facilities, to private residential projects. His experience includes working with numerous city and state agencies as well as commercial and private clients. His award-winning designs have been published in numerous journals and publications. Most recently, the design of his home in Arizona was featured in the book titled “Architects Homes”.

All of MDSA’s projects over the past number of years have been deeply committed to energy conservation and sustainability. Driven by research and the recognition of the impact of energy use in buildings, the firm increasingly integrates principles of conservation, efficiency, and longevity in its work. Using a combination of efficient material and equipment specification

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and sophisticated energy model simulations the firm's buildings move closer to low and ultimately zero energy use.

Mr. Szerbaty holds a Master of Architecture degree from Columbia University and a Bachelor of Architecture degree from the University of Kentucky. He has taught architecture design at all levels at the University of Kentucky and the New York Institute of Technology.

He is a registered architect in New York, New Jersey, Connecticut, South Carolina and Arizona. Mr. Szerbaty is an active member of the Society of College and University Planning (SCUP) and the Association for the Advancement of International Education (AAIE.) More [HERE](#) (Power Point 20 Min)



**Anthony Floyd**~ Green Building Program Manager City of Scottsdale Anthony Floyd is a licensed architect and Fellow of the American Institute of Architects (AIA). He serves as the Senior Green Building/Energy Code Consultant for the City of Scottsdale and is a former Scottsdale building official (1988-1995).

Anthony's responsibilities in Scottsdale include education/outreach, energy performance evaluations and assessment of alternative building systems for building code compliance. He maintains Scottsdale's regionally based green building program criteria, oversees implementation of the city adopted International Green Construction Code (Inc) and works with the Public Works division in facilitating Scottsdale's LEED Gold mandate for newly constructed and renovated city facilities.

Anthony served on the Code Development Committees for the International Green Construction Code (IgCC) and on the National Green Building Standard Consensus Committee in developing the ICC 700 National Green Building Standard. He currently chairs the Site Sustainability working group on the ASHRAE 189.1 Standards committee for the Design of High-Performance Green Buildings. More [HERE](#) (Power Point 20 min.)



**Sharon Bonesteel, CBO, AIA, FPE, CBO**



Building Energy Codes Initiative sponsored training - Class Summary Class Number: SRP-300- Energy Storage Safety Class Title: Energy Storage Safety.

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**General Description:** Addressing the safety issues related to rapidly changing Energy Storage industry can be a challenge. Understand the different types of Energy Storage, how to classify their potential hazards, and how to apply newly developed standards and code sections. Instructors were participants in the Department of Energy Task Force developing new code revisions and standard modifications to address this subject. Appropriate for plans examiners, inspectors and architects.

**Learning Objectives:** 1) Understand the different types of energy storage systems. Special attention will be paid to batteries and other emerging systems. 2) Classify the potential hazards as defined in the fire code. 3) Develop a system for addressing new methods of energy storage by classifying their hazards, identifying the potential risks, and referencing various codes and standards as applicable. (Power Point 20 min)



**Jan Green**, REALTOR®, NAR GREEN designee & EcoBroker, is the Residential Committee Chair, Market Leader Advisory Board, U. S. Green Building Council, Arizona Chapter; Advisory Board Member, Efficiency First Arizona (EFAZ), Instructor & Director of the Scottsdale Area Association of REALTORS®. She is an instructor at the Arizona School of Real-estate and Business; coordinator for the green appraiser courses and co-creator of the “Value of Green” panel discussions. She is well versed on the value of Real Estate with implementation of Energy Efficiency and GREEN building and teaches how retrofitting existing homes to provide Energy Efficiency creates real value & healthy living. She will teach you the process to gain value for sustainable and energy efficient features with the Residential Green and Energy Efficient Addendum distributed by the Appraisal institute. More [HERE](#) (Power Point 20 min)

**Q&A to follow with the panel.** 15 MIN. Note: An additional 1/2 hour is available of audience requests. 3 HOURS OF CONTINUED EDUCATION CREDITS.

## Energy Efficiency = Value



- ✓ In your home or commercial building living environment
- ✓ In Conserving and Creating Energy
- ✓ In the future of the environment!

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**Immediately after the Educational Seminar**, a delightful Dinner and Music will follow to get to know the speakers and socialize with folks. Starting at 4:00/4:30PM TO 5:30 PM.

**Register early for the “O Energy Expo Seminar”**. Learn all the current & future changes that are leading the way to more Efficient and Healthy buildings. Be ahead of the curve!

**LOCATION:** Event will be held at the Cottonwood Recreational Center, 150 S 6th St, Cottonwood, AZ 86326 | Conference Rooms.

**Date/Time:** March 15, 2018 | 1:00-5:30. Sign in starting at 12:00 Noon.

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If you are NOT a REALTOR® and would like to attend for free (no Real Estate C.E. hours) [click here to register](#).

- [ICC Credit](#) – (Sharon Bonesteel)
- Arizona Real Estate Continuing Education Hours (Sedona Verde Valley Association of REALTORS®)
- The Community