

**Proposed Agenda and Speakers**

| Date & Time                          | Event   | Location                                   |
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| <b>Monday, July 25<sup>th</sup></b>  | <i>Feature activities are a guided tour during the day and the opening reception in the evening.</i>  |  |
| 7:30 AM – 8:00 PM                    | Registration  | Hard Rock Lobby (2 <sup>nd</sup> floor)    |
| 8:30 AM – 5:00 PM                    | <b>USC Solar Tour</b><br>Tour of local solar installations and facilities in San Diego and the surrounding areas including brief presentations from local experts.<br><i>(Separate registration is required and a detailed tour agenda is available.)</i>   |  |
| 5:30 PM – 6:00 PM                    | <b>Orientation</b><br>Orientation for scholarship recipients ahead of the Opening Reception   | The Edge (2 <sup>nd</sup> floor)           |
| 6:00 PM – 8:00 PM                    | <b>Opening Reception</b><br>The opening reception will provide a good opportunity to network with your peers.   | The Edge (2 <sup>nd</sup> floor)           |
| <b>Tuesday, July 26<sup>th</sup></b> | <i>The conference will include sessions designed with utility, government and expert speakers. Conference activities are <b>open to all attendees</b>.</i>  |  |
| 6:30 AM – 5:30 PM                    | Registration  | Hard Rock Lobby (2 <sup>nd</sup> floor)    |
| 7:00 AM – 8:00 AM                    | <b>Regional Roundtable Breakfasts</b><br>Join your SEPA Regional Director and peers from utilities in your area of the country for an informal breakfast where you can get to know one another and share experiences.   | Encore 1,2,3 (2 <sup>nd</sup> floor)       |
| 8:00 AM – 9:45 AM                    | <b>General Session</b>  | Legends Ballroom (2 <sup>nd</sup> floor)   |
| 8:00 AM – 8:30 AM                    | <b>Opening Remarks, Julia Hamm</b>  |  |
| 8:30 AM – 9:45 AM                    | <b>Keynote Address, Jim Avery Senior Vice President, SDG&amp;E</b><br><br><b>Panel: The Future of Solar as a Strategic Utility Resource</b><br>What are the key issues your utility should be considering as it evaluates what role solar energy will play in your business in the next five to ten years? Hear from a panel of utility executives about how they view factors including:<br><ul style="list-style-type: none"> <li>- The rate impact of solar vs. other generation investments and how to sell the value to your regulator</li> <li>- Costs and benefits of large-scale project costs and REC purchases vs. distributed generation</li> <li>- What it means for the utility business when solar reaches retail grid parity and whether reaching grid parity is the target that really matters to the utility in deciding whether solar can be “cost-effective”</li> <li>- Turning the threat of revenue erosion into new utility business opportunities</li> </ul> <b>Moderator:</b> Julia Hamm, President & CEO, SEPA<br><br><b>Panelists:</b><br><ul style="list-style-type: none"> <li>➤ Craig Johnston, VP, Planning, OGE Energy Corp</li> </ul> |  |
| 9:45 AM – 10:45 AM                   | Morning networking break with Solution Providers<br><i>(Private appointments are also available)</i>  | Hard Rock Suites (4 <sup>th</sup> floor)   |
| 10:45 AM – 12:15 PM                  | <b>Concurrent Sessions</b>  | Legends & The Edge (2 <sup>nd</sup> floor) |

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|                    | <p><b>Returning Energy to the Grid: FITs, Standard Offer Contracts and Reverse Auction Mechanisms</b></p> <p>Feed-in tariffs have been all the talk in the solar industry for the past few years with successes and failures demonstrated worldwide. Learn how the original FIT concept is evolving for utilities around the U.S.</p> <p><b>Moderator:</b> Jon Bertolino, Superintendent of Renewable Generation, Sacramento Municipal Utility District</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>➤ Ed Regan, Asst. GM for Strategic Planning, Gainesville Regional Utilities</li> <li>➤ Dorothy Sosnowski, Solar Program Manager, Portland General Electric</li> <li>➤ Marc Ulrich, VP of Renewable &amp; Alternative Energy, Southern California Edison</li> </ul>  | <p><b>Utilities as a Driver for Solutions to Local Barriers</b></p> <p>This session will cover the myriad of solar deployment barriers that are faced at the local and community level and will investigate the important role your utility can play in alleviating these constraints.</p> <p><b>Moderator:</b> Jennifer DeCesaro, Market Transformation Team Lead, US Department of Energy</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>➤ Bill Brooks, Brooks Engineering (<i>as they relate to fire-safety</i>)</li> <li>➤ Margaret Jolly, Distribution Engineering, Consolidated Edison (<i>on streamlining urban permitting</i>)</li> <li>➤ Bill Shepherd, Energy &amp; Business Services Manager, Gainesville Regional Utilities</li> </ul> |  |
| 12:15 PM – 1:45 PM | <b>Lunch and SEPA Utility Rankings Awards Presentation</b>  |   | Woodstock (4 <sup>th</sup> floor)              |
| 1:45 PM – 3:15 PM  | <b>General Session</b>  |   | Legends Ballroom (hotel 2 <sup>nd</sup> floor) |
|                    | <p style="text-align: center;"><b>Panel Discussion: At What Cost?</b></p> <p>The price of solar continues to drop rapidly and efforts are underway by industry and government to expedite these declines at an even faster pace. A panel of experts will discuss current costs and prices of both PV and CSP and some of the key drivers influencing trends and near-term investments in solar.</p> <p><b>Facilitator:</b> Bob Gibson, Vice President, Market Intelligence, SEPA</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>➤ Trevor D’Olier-Lees, Standard &amp; Poor’s (<i>on utility-scale financial risk evaluation</i>)</li> <li>➤ Robert Margolis, Senior Energy Analyst, National Renewable Energy Laboratory</li> <li>➤ Craig Stevens, Solarbuzz (<i>on current status of US markets and solar</i>)</li> <li>➤ Rachel Tronstein, U.S Department of Energy, Clean Energy Advisor</li> </ul> |   |  |
| 3:15 PM – 4:15 PM  | Afternoon networking break with Solution Providers<br><i>(Private appointments are also available)</i>  |   | Hard Rock Suites (4 <sup>th</sup> floor)       |
| 4:15 PM – 5:30 PM  | <b>Concurrent Sessions</b>  |   | Legends & The Edge (2 <sup>nd</sup> floor)     |
|                    | <p><b>Solar Water Heating: Opportunities for Utilities</b></p> <p>Some utilities have had strong solar water heating (SWH) programs for years and with the technology’s</p>   | <p><b>Concentrating Solar Power: Today and in the Future</b></p> <p>Traverse today’s landscape for CSP, including land, water and transmission requirements and how project plans are</p>   |  |

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|  | <p>inclusion in some state RPSs, it could be a growing trend. Explore whether your utility could benefit from a solar water heating program and learn about SWH innovations, metering aspects and challenges and new models for SWH PPAs.</p> <p><b>Moderator:</b> Sandra Burton, Regional Director, SEPA</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>➤ Joel Dickinson, Sr. Engineer, Salt River Project (<i>focus on analysis and issues for SWH</i>)</li> <li>➤ Mark Dougherty, Director of Distributed Generation and Renewable Programs, Long Island Power Authority</li> <li>➤ Tom Husted, CEO, Valley Electric Association, NV</li> <li>➤ Bob Kingery, Co-founder &amp; CEO, Southern Energy Management</li> </ul>  | <p>adapting to realities on the ground. Also explore the emerging world of hybrid CSP projects.</p> <p><b>Facilitator:</b> Fred Morse, Chairman, Utility Scale Solar Power Division, SEIA</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>➤ Scott Frier, COO, Abengoa Solar</li> <li>➤ Wil Grady, Technical Advisor, Southern California Edison</li> <li>➤ Randy Larson, Xcel Energy (<i>CSP/Coal-did webinar on this in March</i>)</li> <li>➤ Milton Venetos, SVP of Product Management</li> </ul> |  |
| 5:30 PM – 7:30 PM                      | Networking Reception  |   | TBD  |
| <b>Wednesday, July 27<sup>th</sup></b> | <p><i>Conference activities are <b>open to utility employees ONLY</b>. The format for the day's concurrent sessions will be highly interactive, featuring facilitated discussion and information sharing amongst all audience participants, with an identified panel of experts to help fuel and shape the conversation.</i></p>  |   |  |
| 7:00 AM – 5:00 PM                      | Registration  |   | Hard Rock Lobby (2 <sup>nd</sup> floor)        |
| 7:00 AM – 8:00 AM                      | Utility Solar Interest Groups: Networking Breakfast   |   | Legends Ballroom (hotel 2 <sup>nd</sup> floor) |
| 8:00 AM – 9:30 AM                      | <b>General Session</b>  |   | Legends Ballroom (hotel 2 <sup>nd</sup> floor) |
|  | <p><b>Keynote Address: Marc Gerken, CEO, American Municipal Power – “From Concept through Implementation: How One Joint Action Agency is Facilitating Solar for its Members”</b></p> <p><b>Panel: Grid Integration – The Convergence of Distributed PV, Smart Grid &amp; Storage</b><br/> The utility industry is preparing to modernize the grid in the coming decade. The growing immergence of distributed PV, particularly in places where high penetration levels are likely to be seen, makes the coordination between PV, smart grid technologies and storage all the more important during the early phases of R&amp;D and deployment. This session will examine the efforts and lessons learned from utilities who have taken a lead in exploring this area.</p> <p><b>Moderator:</b> Kevin Lynn, DOE*</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>➤ Tom Hoff, President, Clean Power Research (<i>on CPUC forecasting work</i>)</li> <li>➤ Elaine Sison-Lebrilla, Senior Project Manager, SMUD</li> <li>➤ Phil Smithers, Manager, Renewable Technical Services, APS (<i>on Flagstaff project</i>)</li> <li>➤ Ali Yari, SDG&amp;E</li> </ul> |   |  |

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| 9:30 AM – 10:30 AM  | Morning Networking Break with Solution Providers<br><i>(Private appointments are also available)</i>  |  | Hard Rock Suites<br>(4 <sup>th</sup> floor)       |
| 10:30 AM – 12:00 PM | <b>General Session</b>  |  | Legends Ballroom<br>(hotel 2 <sup>nd</sup> floor) |
|                     | <p><b>Community Solar: Creating Value for the Utility and the Customer</b></p> <p>The concept of community solar has been gaining momentum over the past 2 years and is quickly becoming one of the most attractive solar business models for utilities, regardless of whether the utility owns the system or purchases the power through a PPA. In this session you'll have the opportunity to discuss the value offered by this program structure and best practices for program design with utilities that have or are preparing to implement a community solar program.</p> <p><b>Moderator:</b> Kim Kiener, Regional Director, SEPA</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>➤ Stephen Frantz, Program Planner, SMUD</li> <li>➤ Alex Kim, SDG&amp;E</li> <li>➤ Guy Sliker, Director, Renewable Energy Resources and Technology, New York Power Authority</li> <li>➤ Jennifer Szaro, Orlando Utility Commission</li> </ul> |  |   |
| 12:00 PM – 1:30 PM  | Utility Networking Lunch  |  | Woodstock<br>(hotel 4 <sup>th</sup> floor)        |
| 1:30 PM – 2:45 PM   | <b>Concurrent Discussion Sessions</b>   |  | Legends & The Edge<br>(2 <sup>nd</sup> floor)     |
|                     | <p><b>Managing Your Solar Program</b></p> <p>Regardless of whether you are just beginning to design a solar program or you have one that is long-standing, you will find this peer information sharing session invaluable. A panel of veterans will share some insights on best practices and lessons learned on program design, management and analysis, followed by a facilitated discussion between all session participants.</p> <p><b>Facilitator:</b> Tom Nicholas, Regional Director, SEPA</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>➤ John Hargrove, Program Manager, NV Energy</li> <li>➤ Pam Newell, Solar Product Portfolio Manager, Xcel Energy</li> <li>➤ Ron Orozco, Engineering Manager, Sulphur Springs Valley Electric Cooperative</li> <li>➤ Andrew Yip, Manager, PG&amp;E <i>(on program design, implementation and regulatory challenges)</i></li> </ul>  | <p><b>Standardizing Interconnection</b></p> <p>SEPA has been asked if utilities could play a role in developing a national interconnection standard to reduce "soft" BOS costs and help reach the DOE \$1/watt cost goals. This session will provide an open forum for utilities to explore this question and identify possible next steps.</p> <p><b>Facilitator:</b> Christy Herig, Technical Director, SEPA</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>➤ James Boston, Manager Customer Engineering, CPS Energy</li> <li>➤ Mike Grant, Sr. Engineer, Duke Energy</li> <li>➤ Laura Rogers, Electrical Engineer, HELCO – waiting for final approval</li> </ul> |   |
| 2:45 PM – 3:45 PM   | Afternoon Networking Break with Solution Providers<br><i>(Private appointments are also available)</i>  |  | Hard Rock Suites<br>(4 <sup>th</sup> floor)       |
| 3:45 PM – 5:00 PM   | <b>Concurrent Discussion Sessions</b>   |  | Legends & The Edge                                |

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|  | <p><b>Examining the Value of Utility-Owned Solar Generation</b></p> <p>Utilities are becoming increasingly critical players in emerging solar electricity markets as they seek to turn what could be a revenue erosion threat into a substantial business opportunity. In this session, discuss with a panel of utilities – each with plans to own solar generation facilities – their views on the strategic, operational, and financial value of ownership relative to PPAs as well as some of the challenges to be expected when seeking regulatory approval to rate base the costs.</p> <p><b>Facilitator:</b> Mike Taylor, SEPA</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>➤ Russell Harding, Manager of Finance, Regulatory and Compliance, SCE</li> <li>➤ Eran Mahrer, Director, Renewable Energy, APS</li> </ul> | <p><b>Mitigating PV Technology Risk</b></p> <p>The success of a utility investment is dependent on long term performance. This session will discuss module, component, and system tests as applied to specification, commissioning, operation and performance warranties. Additionally, utility specific tests such as power quality, reactive power control/voltage regulation, low voltage ride through and power ramp rates will be included.</p> <p><b>Facilitator:</b> Tom Bialek, SDG&amp;E</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>➤ Steven Rymsha, Senior Energy Solutions Engineer, Kauai Electric Co-op</li> <li>➤ Ernie Palomino, Sr. Principal Engineer, Sustainable Initiatives &amp; Technologies</li> </ul> |                         |