

PHOTOVOLTAIC TECHNOLOGY PIPELINE

Breakthrough Science and Engineering

- 131, 132 Argonne National Laboratory
- 90, 142 Arizona State University
- 119 AstroWatt
- 103 Bandgap Engineering
- 114 California Institute of Technology
- 101 Colorado School of Mines
- 129 Colorado State University
- 93 Georgia Institute of Technology
- 128 Los Alamos National Laboratory
- 115, 116 Massachusetts Institute of Technology
- 107-110, 123, 125, 135, 136, 139, 140 National Renewable Energy Laboratory
- 88 Norfolk State University
- 87 North Carolina Central University
- 120 North Carolina State University
- 94 Oak Ridge National Laboratory
- 126 Ohio State University
- 91 Old Dominion University
- 127 Pacific Northwest National Laboratory
- 113 Plant PV
- 112 Princeton University
- 105 Purdue University
- 96 Sandia National Laboratories
- 92 SolarWorld USA
- 111 Stanford University
- 118, 121, 122 SunShot PostDoc Researchers
- 97 University of California, Berkeley
- 100 University of California, Irvine
- 102 University of California, Los Angeles
- 106 University of Chicago
- 117, 133, 134, 137, 138 University of Delaware
- 130 University of Illinois
- 98 University of Michigan
- 99 University of Minnesota
- 89 University of New Mexico
- 141 University of South Florida
- 95 University of Washington
- 104 University of Wisconsin, Madison

PV Startup Community

- 146 Bay Area PV Consortium
- 151 Caelux
- 160 Creative Light Source
- 172 Crystal Solar
- 170 GT Crystal Systems
- 161, 162 Luminit
- 166 Luna Innovations
- 156 MicroLink
- 159 NanoEnerTex
- 149, 150, 153, 154, 157, 158, 168 National Renewable Energy Laboratory
- F NREL Process Development & Integration Laboratory
- 147, 148 PV Manufacturing Consortium
- E Semprius
- 152 Solexant

- 163, 164 Spire Corporation
- 171 Stion
- 167 SVV Technology Innovations
- 155 TDA Research
- 145 TetraSun
- 144 Ultrasonic Technologies
- 165 Versatilis
- 169 Xunlight 26 Solar

Innovation in PV Manufacturing

- 179 1366 Technologies
- 184 3M
- 183 DuPont
- 178 General Electric
- 175 Nanosolar
- 177 PPG Industries
- D Soitec
- 180 Solar Junction
- 176 Spectrolab
- 173, 174 SVTC Technologies
- 181, 182 Varian Semiconductor
- 143 DOE SunShot PV Subprogram

CONCENTRATING SOLAR POWER

Systems

- 7 Abengoa
- 8 eSolar
- 1 Infinia Corporation
- 5 National Renewable Energy Laboratory
- 2, 6 Sandia National Laboratories

Power Cycles

- 9 Massachusetts Institute of Technology
- 10, 11 National Renewable Energy Laboratory
- 12 Pacific Northwest National Laboratory
- 13 SLAC National Accelerator Laboratory
- 14, 15 Southwest Research Institute
- 16 Wilson Solar Power

Receivers

- 18 Argonne National Laboratory
- 19 Brayton Energy
- 20 National Renewable Energy Laboratory
- 21 Norwich Technologies
- 22 Oregon State University
- 23 Pratt & Whitney Rocketdyne
- 24 San Diego State University
- 25, 26 Sandia National Laboratories
- 28 University of California San Diego

Collectors

- 29, 30 3M Company
- 31 Boston University
- 32 BrightSource Energy
- 33 HiTek Services
- 34 Jet Propulsion Laboratory
- 35 National Renewable Energy Laboratory
- 36 Penn State University
- 39 PPG
- 27 Sandia National Laboratories
- 40 SkyFuel
- 17 Solaflect
- 41 Thermata
- 38 University of Arizona

Storage

- 42 Argonne National Laboratory
- 43 City University of New York
- 44 General Atomics
- 45 Halotechnics
- 46 Lehigh University
- 47 Los Alamos National Laboratory
- 48 Massachusetts Institute of Technology
- 49-51 National Renewable Energy Laboratory
- 52 Navitasmax
- 53 Oak Ridge National Laboratory
- 54 Pacific Northwest Research Laboratory
- 55 Sandia National Laboratories
- 56 Savannah River National Laboratory
- 57 SENER Corporation
- 37 Terrafore
- 58 University of Texas at El Paso
- 59 University of Alabama
- 60 University of Arkansas
- 61 University of Connecticut
- 62 University of South Florida
- 3, 4 DOE SunShot CSP Subprogram

SYSTEMS INTEGRATION

Reducing Technology Risks

- W DOE Regional Test Centers
- 185, W National Renewable Energy Laboratory
- 185, W Sandia National Laboratories

Reducing Balance of Systems Hardware Costs

- 193 A Raymond Tinnerman Manufacturing
- Q Alencon Systems
- 189 Amonix
- 5 Carlisle Construction Materials
- 190 Cascade Engineering
- 219 Delphi
- R Dow Chemical Company
- 191 GE Global Research
- 220 General Electric
- 192 Georgia Institute of Technology
- U Ideal Power Converters
- X Qbotix Inc.
- 221 Renewable Power Conversion
- 186 Solar America Board for Codes and Standards (ABCs)
- P SolarBridge Technologies
- T Solexel / Owens Corning
- 222 Tigo Energy
- U University of Colorado, Boulder
- 194 Zep Solar

Reducing Grid Integration Costs

- 207 Advanced Energy
- 203 Arizona Public Service Company
- 212 Electric Power Research Institute
- 204 FSU Center for Advanced Power Systems
- 187 Howard University
- 197, 200, 205, 209, 213, 214 National Renewable Energy Laboratory
- V NREL Energy Systems Integration Facility
- Y Petra Solar

- 217 Princeton Power Systems
- 206 Sacramento Municipal Utility District
- 211 SatCon Technology Corporation
- 201, 202, 210, 213 Sandia National Laboratories
- 218 UCF Florida Solar Energy Center
- 215 University of California, San Diego
- 208 University of Hawaii
- 188 University of Texas-Pan American
- 216 Virginia Polytechnic Institute and State University
- 195, 196 DOE SunShot Systems Integration Subprogram

SOFT COSTS

SunShot Incubator for Soft Cost Reduction

- 236 Clean Energy Experts
- 228 Clean Power Finance
- 231 concept3D
- 232 EnergySage.com
- 225 Genability
- 227 Simply Civic
- 226 Solar Mosaic
- 224 Tigo Energy
- 230 Urban Glue

IT Tools

- 233 Boise State University
- 229 Clean Power Finance
- 234 Illinois State University

Reducing Market Barriers

- 237 Interstate Renewable Energy Council / Keyes, Fox & Wiedman LLP
- O National Renewable Energy Laboratory
- 235 Rocky Mountain Institute
- 238 Sandia National Laboratories
- 223 Solar 3.0

Solar Instructor Training Network

- 239-242 SITN
- G Roof Mount
- H Ground Mount

Red Tape Run

- I Permitting
- J Financing
- K Interconnection
- L Streamlined Solar

SunShot Prize

- N Speed Networking

BASIC ENERGY SCIENCES

- 65 UNC EFRC: Center for Solar Fuels
- 66 Research Triangle Solar Fuels Institute

OTHER

- A Cash Bar
- B Sandia National Laboratories
- C DOE SunShot Business Operations
- M Cash Bar

Program Change: The time and location of the Photovoltaics Deep Dive has been changed for both days. The Photovoltaics Deep Dive will begin at 1:15 and will be held in room C.

Please be advised that photographs and video will be taken at this event for use on the U.S. Department of Energy (DOE) SunShot Initiative website and in the press, SunShot materials, and all other DOE publications. By entering this event, you consent to DOE photographing and using your image and likeness.