

## TECHNOLOGY FORUM

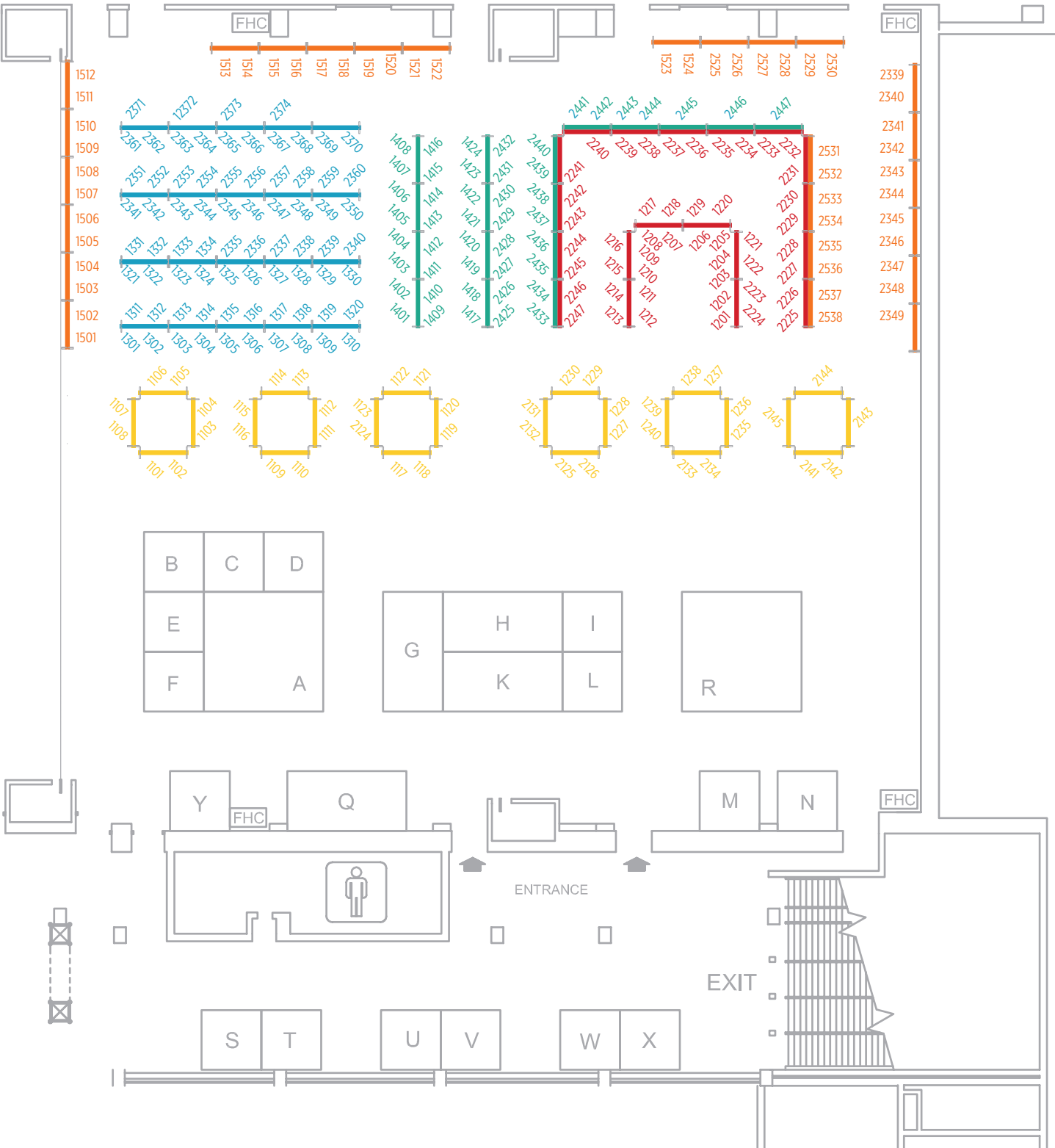
The 2014 SunShot Grand Challenge Summit and Peer Review is hosting a Technology Forum showcasing innovative and cutting-edge technologies that are helping to drive down the cost of solar energy. The Forum features a wide range of solar industry exhibitors showcasing software and hardware products and solutions, as well as nearly 300 SunShot awardees displaying their work and answering questions about their projects.

### TECHNOLOGY FORUM HOURS

- May 19 from 4:00-7:00 PM
- May 20 from 4:00-7:00 PM
- May 21 from 4:00-7:00 PM

EXHIBITS	
Booth ID	Exhibitor
B	Bay Area Photovoltaic Consortium
R	Brittmore Group LLC
T	Cascade Engineering and Patriot Solar
U	Enabling High-Penetration PV with Smart Inverters
N	General Electric Global Research Center
C	National Renewable Energy Laboratory — Balance of Systems Team
I	National Renewable Energy Laboratory — Energy Systems Integration Facility (ESIF)
G	National Renewable Energy Laboratory — National Center for Photovoltaics
S	Regional Test Centers
H	Sandia National Laboratories
V	Soft Cost Tools for Solar Deployment
Y	Solar Energy Institute
Q	Solar Instructor Training Network
E	Solar Utility Network Deployment Acceleration (SUNDA)
L	Southern California Edison
A	SunShot City and Innovation Alley
X	SunShot: Ask Your Contracting Officer and Technology Project Officer
W	SunShot HiPen Award Showcase
M	Terrafore Technologies — Phase Change Thermal Storage
K	United States Photovoltaic Manufacturing Consortium (PVMC)
F	University of Arizona
D	Virginia Tech

- Photovoltaics
- Technology to Market
- Systems Integration
- Soft Costs
- Concentrating Solar Power



# Technology Forum

SunShot Awardee Posters		
Team	Poster number	Awardee
BOS	1101	Electric Power Research Institute Inc.
BOS	1102	Electricore Inc.
BOS	1103	Interstate Renewable Energy Council
BOS	1104	Missouri University of Science & Technology
BOS	1105	University of Central Florida
BOS	1106	Lawrence Berkeley National Laboratory (Hoen)
BOS	1107	National Renewable Energy Laboratory (Heath)
BOS	1108	National Renewable Energy Laboratory (Mendelsohn)
BOS	1109	Sandia National Laboratory (Klise)
BOS	1110	Broward County, Florida
BOS	1111	California Center for Sustainable Energy
BOS	1112	City University of New York
BOS	1113	Clean Energy States Alliance
BOS	1114	Iowa Economic Development Authority
BOS	1115	Mid-America Regional Council - MARC
BOS	1116	Optony Inc.
BOS	1117	Washington State Department of Commerce
BOS	1118	Boise State University
BOS	1119	Clean Power Finance
BOS	1120	Hawaii Department of Business
BOS	1121	ICLEI - Local Governments for Sustainability
BOS	1121	ICLEI - Local Governments for Sustainability 2
BOS	1122	International City/County Management Association - ICMA
BOS	1122	International City/County Management Association - ICMA 2
BOS	1123	Argonne National Lab (Hamada)
CSP	1201	Abengoa Solar
CSP	1202	General Atomics
CSP	1203	Argonne National Laboratory (Singh)
CSP	1204	Los Alamos National Laboratory (Obrey)
CSP	1205	National Renewable Energy Laboratory (Gomez)
CSP	1206	National Renewable Energy Laboratory (Kutscher)
CSP	1207	National Renewable Energy Laboratory (Neises)
CSP	1208	Oak Ridge National Laboratory (Hunter)
CSP	1209	Sandia National Laboratories (Andraka)
CSP	1210	University of Arizona
CSP	1211	University of California
CSP	1212	GE Global Research
CSP	1213	National Renewable Energy Laboratory
CSP	1214	Abengoa Solar

SunShot Awardee Posters		
Team	Poster number	Awardee
CSP	1215	Boston University
CSP	1216	BrightSource
CSP	1217	Jet Propulsion Laboratory
CSP	1218	Massachusetts Institute of Technology
CSP	1219	Pennsylvania State University
CSP	1220	Southwest Research Institute
CSP	1221	Southwest Research Institute
CSP	1222	University of Arizona
PV	1301	Sandia National Laboratories
PV	1302	SLAC - The Leland Stanford Junior University
PV	1303	University Of Illinois
PV	1304	University Of Texas, El Paso
PV	1305	Arizona State University
PV	1306	Colorado State University
PV	1307	National Renewable Energy Laboratory
PV	1308	National Renewable Energy Laboratory
PV	1309	Oak Ridge National Laboratory
PV	1310	Old Dominion University Research Foundation
PV	1311	University Of Delaware
PV	1312	University Of Delaware
PV	1313	University Of Delaware
PV	1314	University Of Delaware
PV	1315	University Of Illinois
PV	1316	University Of South Florida
PV	1317	Arizona State University
PV	1318	Georgia Tech University
PV	1319	National Renewable Energy Laboratory (Emery)
PV	1320	National Renewable Energy Laboratory (Friedman)
PV	1321	National Renewable Energy Laboratory (Ginley)
PV	1322	National Renewable Energy Laboratory (Keyes)
PV	1323	National Renewable Energy Laboratory (Levi)
PV	1324	National Renewable Energy Laboratory (Olson)
PV	1325	National Renewable Energy Laboratory (PTAK)
PV	1326	National Renewable Energy Laboratory (Stradins)
PV	1327	National Renewable Energy Laboratory (VanSant)
PV	1328	National Renewable Energy Laboratory Director's Initiative (Wilson)
PV	1329	Leland Stanford Junior University
PV	1330	University Of Michigan

SunShot Awardee Posters		
Team	Poster number	Awardee
PV	1331	Princeton University
PV	1332	University Of California, Irvine
PV	1333	University Of California, Los Angeles
PV	1334	National Renewable Energy Laboratory
SI	1401	Cascade Engineering
SI	1402	GE Global Research
SI	1403	Georgia Tech Applied Research Corporation
SI	1404	Solexel
SI	1405	University of Texas, San Antonio
SI	1406	Arizona Public Service
SI	1407	Florida State University
SI	1408	National Renewable Energy Laboratory (SCE)
SI	1409	Virginia Polytechnic Institute & State University
SI	1410	National Renewable Energy Laboratory (Blair - PPR)
SI	1411	National Renewable Energy Laboratory (Coddington)
SI	1412	National Renewable Energy Laboratory (Margolis)
SI	1413	National Renewable Energy Laboratory (Marion - PPR)
SI	1414	National Renewable Energy Laboratory (Sengupta A)
SI	1415	National Renewable Energy Laboratory (Sengupta B)
SI	1416	Sandia National Laboratories (Ellis/Byrne)
SI	1417	Sandia National Laboratories (King A PPR)
SI	1418	Sandia National Laboratories (King B PPR)
SI	1419	Sandia National Laboratories (King C PPR)
SI	1420	Sandia National Laboratories (Sorenson)
SI	1421	Howard University, Inc.
SI	1422	IBM
SI	1423	National Oceanic and Atmospheric Administration
SI	1424	National Center For Atmospheric Research
T2M	1501	Applied Novel Devices, Inc.
T2M	1502	CellLink Corporation
T2M	1503	Clean Power Research
T2M	1504	EnergySage
T2M	1505	Folsom Labs
T2M	1506	Genability
T2M	1507	Geostellar
T2M	1508	Infinite Invention, LLC
T2M	1509	Silicon Solar Solutions
T2M	1510	Simply Civic
T2M	1511	SineWatts

SunShot Awardee Posters		
Team	Poster number	Awardee
T2M	1512	SMASHsolar
T2M	1513	Solar Census, LLC
T2M	1514	Sun Number
T2M	1515	Sunrun
T2M	1516	National Renewable Energy Laboratory (Goodrich)
T2M	1517	Applied Materials Inc.
T2M	1518	PPG Industries Inc.
T2M	1519	Stanford and University of California-Berkeley
T2M	1520	PVMC Inc.
T2M	1521	College of NanoScale Science and Engineering, State University of New York
T2M	1522	PPG Industries Inc.
T2M	1523	SolarWorld Industries America Inc.
T2M	1524	Suniva Inc.
BOS	2124	Lawrence Berkeley National Laboratory (Barbose)
BOS	2125	Lawrence Berkeley National Laboratory (Wiser)
BOS	2126	National Renewable Energy Laboratory (Doris)
BOS	2127	National Renewable Energy Laboratory (Margolis)
BOS	2128	National Renewable Energy Laboratory (Truitt)
BOS	2129	National Renewable Energy Laboratory (Young)
BOS	2130	Sandia National Laboratory (Dwyer)
BOS	2131	Sandia National Laboratory (Ho)
BOS	2132	Sandia National Laboratory (Klise)
BOS	2133	Massachusetts Institute of Technology
BOS	2134	National Renewable Energy Laboratory (Drury)
BOS	2135	Sandia National Laboratories
BOS	2136	SRI International
BOS	2137	University of North Carolina, Charlotte
BOS	2138	University of Texas, Austin
BOS	2139	Yale University
BOS	2140	Interstate Renewable Energy Council (IREC)
BOS	2141	Illinois State University
BOS	2142	Interstate Renewable Energy Council (IREC)
BOS	2143	Rocky Mountain Institute
BOS	2144	National Rural Electric Cooperative Association (NRECA)
BOS	2145	Argonne National Laboratory (Sullivan)
CSP	2223	University Of Colorado
CSP	2224	Colorado School of Mines
CSP	2225	Pacific Northwest National Laboratory

# Technology Forum

SunShot Awardee Posters		
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CSP	2226	Sandia National Laboratories
CSP	2227	Southern Research Institute
CSP	2228	University of California, Los Angeles
CSP	2229	University of Florida
CSP	2230	Sacramento Municipal Utility District (SMUD)
CSP	2231	National Renewable Energy Laboratory (Wagner)
CSP	2232	Sandia National Laboratories (Ghanbari)
CSP	2233	Sandia National Laboratories (Pacheco)
CSP	2234	Savannah River National Laboratory (Garcia-Diaz)
CSP	2235	Savannah River National Laboratory (Zidan)
CSP	2236	University Of Texas at El Paso
CSP	2237	Brayton Energy
CSP	2238	National Renewable Energy Laboratory
CSP	2239	Oregon State University
CSP	2240	Pacific Northwest National Laboratory
CSP	2241	San Diego State University
CSP	2242	Sandia National Laboratories
CSP	2243	SLAC National Accelerator Laboratory
CSP	2244	University of California
CSP	2245	Norwich Technologies
CSP	2246	Timothy Davenport
CSP	2247	University of Alabama
PV	2335	Arizona State University
PV	2336	Lawrence Livermore National Laboratory
PV	2337	National Renewable Energy Laboratory
PV	2338	Plant PV, Inc.
PV	2339	SLAC- Leland Stanford Junior University
PV	2340	University Of Oregon
PV	2341	University Of Utah
PV	2342	Delaware State University
PV	2343	Georgia Institute of Technology
PV	2344	North Carolina State University
PV	2345	National Renewable Energy Laboratory
PV	2346	Ohio State University
PV	2347	IBM
PV	2348	National Renewable Energy Laboratory
PV	2349	National Renewable Energy Laboratory (Noufi A)
PV	2350	National Renewable Energy Laboratory (Noufi B)
PV	2351	National Renewable Energy Laboratory (Repins)

SunShot Awardee Posters		
Team	Poster number	Awardee
PV	2352	National Renewable Energy Laboratory (Zakutayez)
PV	2353	Norfolk State University
PV	2354	North Carolina Central University
PV	2355	University of New Mexico
PV	2356	Massachusetts Institute Of Technology
PV	2357	University Of California
PV	2358	University Of Minnesota
PV	2359	Colorado School Of Mines
PV	2360	University of Chicago
PV	2361	University of Delaware
PV	2362	University of Washington
PV	2363	Arizona State University
PV	2364	Stanford University
PV	2365	Arizona State University and Partners
PV	2366	Chulmin Choi
PV	2367	Diane Sellers
PV	2368	Jeffrey Rinehart
PV	2369	Shannon Riha
PV	2370	Bandgap Engineering
PV	2371	Benjamin Klahr
PV	2372	Edward Barnard
PV	2373	James McKone
PV	2374	Rafael Jaramillo
SI	2425	National Renewable Energy Laboratory (Kurtz - PPR)
SI	2426	National Renewable Energy Laboratory (O'Neill)
SI	2427	National Renewable Energy Laboratory (O'Neill)
SI	2428	National Renewable Energy Laboratory (Wohlgemuth A PPR)
SI	2429	National Renewable Energy Laboratory (Wohlgemuth B PPR)
SI	2430	Sandia National Laboratories (Broderick)
SI	2431	Sandia National Laboratories (Gonzalez/Neely)
SI	2432	Sandia National Laboratories (Hansen)
SI	2433	Fraunhofer Center for Sustainable Energy Systems
SI	2434	North Carolina State University
SI	2435	Sandia National Laboratories
SI	2436	Sandia National Laboratories & National Renewable Energy Laboratory PPR
SI	2437	Advanced Energy
SI	2438	Alencon, LLC
SI	2439	Electric Power Research Institute (EPRI)

SunShot Awardee Posters		
Team	Poster number	Awardee
SI	2440	GE Global Research
SI	2441	SolarBridge Technologies
SI	2442	University of Hawaii
SI	2443	AWS Truepower
SI	2444	Clean Power Research
SI	2445	Electric Power Research Institute (EPRI)
SI	2446	Electricore, Inc
SI	2447	Hawaiian Electric Power Company (HECO)
SI	2448	PHI Holdings Inc. (PEPCO)
SI	2449	University of California, San Diego
T2M	2525	Mosaic
T2M	2526	Rehnu
T2M	2527	Solaflect
T2M	2528	Stion
T2M	2529	Brittmore Group, LLC
T2M	2530	Demeter Power Group
T2M	2531	kWh Analytics
T2M	2532	Renewable Power Conversion
T2M	2533	SolarNexus, Inc.
T2M	2534	3M Company
T2M	2535	Brittmore Group, LLC
T2M	2536	Lucintech, LLC
T2M	2537	MicroXact, Inc.
T2M	2538	Next Energy Technologies, Inc.
T2M	2539	Sporian Microsystems, Inc.
T2M	2540	Tau Sciences Corporation
T2M	2541	Solaria Corporation
T2M	2542	1366 Technologies
T2M	2543	Soitec Solar Industries
T2M	2544	Solar Junction
T2M	2545	Central Technological Corporation
T2M	2546	Direct Solar, LLC
T2M	2547	Sinton Instruments
T2M	2548	Terrajoule Corporation
T2M	2549	TIAX, LLC