

# Utility-Scale Solar Projects in the United States

## Operating, Under Construction, or Under Development

Updated January 17, 2012



### Overview

This list is for informational purposes only, reflecting projects and completed milestones in the public domain. The information in this list was gathered from public announcements of solar projects in the form of company press releases, news releases, and, in some cases, conversations with individual developers. It is not a comprehensive list of all utility-scale solar projects under development. This list may be missing smaller projects that are not publicly announced. Particularly, many smaller projects located outside of California that are built on a short time-scale may be underrepresented on this list. Also, SEIA does not guarantee that every identified project will be built. Like any other industry, market conditions may impact project economics and timelines. SEIA will remove a project if it is publicly announced that it has been cancelled. SEIA actively promotes public policy that minimizes regulatory uncertainty and encourages the accelerated deployment of utility-scale solar power.

This list includes ground-mounted utility-scale solar power plants larger than 1 MW that directly feed into the transmission grid. This list does not include large "behind the meter" projects that only serve on-site load. One exception to this is large projects on military bases that only serve the base (see, for example, Nellis Air Force Base).

While utility-scale solar is a large and growing segment of the U.S. solar industry, cumulative installations for residential and non-residential (commercial, non-profit and government) solar total 841 MW and 1,634 MW, respectively. For more information on the U.S. solar market, visit [www.seia.org/cs/research/solarinsight](http://www.seia.org/cs/research/solarinsight)

### Example Projects



**Nevada Solar One**

**Developer:** Acciona  
**Electricity Purchaser:** NV Energy  
**Location:** Boulder City, NV  
**Technology:** Trough  
**Capacity:** 64 MW  
**Source:** Acciona North America

**Sierra SunTower**

**Developer:** eSolar  
**Electricity Purchaser:** Southern California Edison  
**Location:** Antelope Valley, CA  
**Technology:** Tower  
**Capacity:** 5 MW  
**Source:** eSolar

**Nellis Air Force Base**

**Developer:** MMA Renewable Ventures  
**Electricity Purchaser:** Nellis AFB  
**Location:** Clark County, NV  
**Technology:** PV  
**Capacity:** 14 MW  
**Source:** MMA Renewable Ventures

**DeSoto Next Generation Solar Energy Center**

**Developer:** Florida Power & Light Co.  
**Electricity Purchaser:** Florida Power & Light Co.  
**Location:** Arcadia, FL  
**Technology:** PV  
**Capacity:** 25 MW  
**Source:** Florida Power & Light

### Major Steps to Bring a Utility-Scale Solar Plant Online



### Private versus Public Land

Solar projects proposed on public lands overseen by the federal government must complete a full Environmental Impact Statement before being issued a construction permit by the U.S. Department of the Interior. This review process, which takes as long as four years to complete, involves coordinated analyses by federal, state and local stakeholders to identify the potential impacts of a proposed project.

On June 29th, 2009, Secretary of the Interior Ken Salazar announced "Fast-Track" initiatives for solar projects on lands in the West. Currently, 14 solar projects have received the "Fast-Track" distinction and are undergoing environmental review. The "Fast-Track" initiative goal is to focus BLM efforts on promising projects in order to complete review prior to the December 2010 deadline required to qualify for some funding programs under the American Recovery and Reinvestment Act. For more information on the "Fast-Track" solar projects, please visit: [http://www.blm.gov/wo/st/en/prog/energy/renewable\\_energy/fast-track\\_renewable.html](http://www.blm.gov/wo/st/en/prog/energy/renewable_energy/fast-track_renewable.html)

### For more information:

Press inquiries should be directed to Monique Hanis at [mhanis@seia.org](mailto:mhanis@seia.org).  
 If you have comments on this list, please contact [research@seia.org](mailto:research@seia.org).

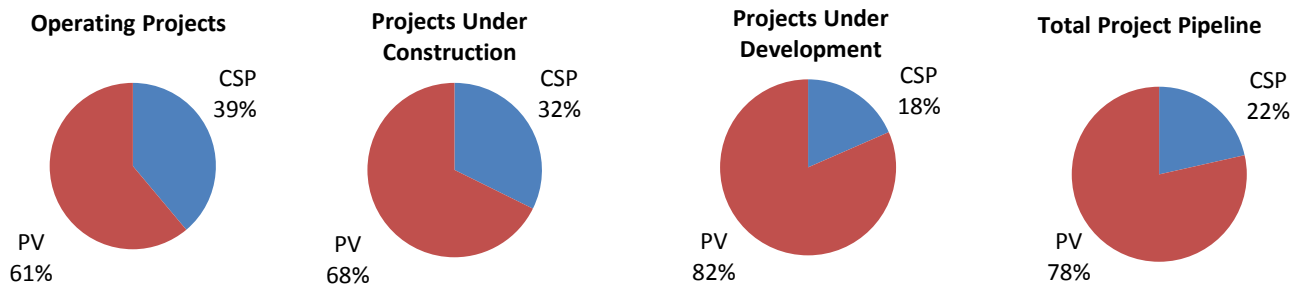
# Utility-Scale Solar Projects in the United States Operating, Under Construction, or Under Development

Updated January 17, 2012



Utility-Scale Project Capacity by Technology and Completion Status (MW)

Technology	Operating	Under Construction	Under Development	Total
CSP	515	1,489	4,365	6,369
PV	809	3,119	19,291	23,218
<b>Total</b>	<b>1,324</b>	<b>4,608</b>	<b>23,656</b>	<b>29,588</b>



Utility-Scale Project Capacity by State and Project Completion Status (MW)

State	Operating	Under Construction	Under Development	Total
Arizona	112	749	2,206	3,068
California	524	3,373	14,334	18,231
Colorado	90	30	442	563
Connecticut			10	10
Delaware	11			11
Florida	133	110	982	1,225
Georgia	1		31	32
Hawaii	3	10	326	339
Idaho			30	30
Illinois	10	20	62	92
Indiana			10	10
Kentucky	2			2
Massachusetts	8	12	32	53
Maryland		16	45	61
Minnesota			2	2
North Carolina	27		2	30
New Jersey	43	67	136	246
New Mexico	102	22	398	522
Nevada	148	120	3,187	3,455
New York	37		20	57
Ohio	13	10	68	91
Oregon	3			3
Pennsylvania	6	1	72	79
Puerto Rico			30	30
Tennessee	2	7		9
Texas	46	60	790	896
Utah			155	155
Vermont	2		4	6
Washington			75	75
unknown			206	206
<b>Total</b>	<b>1,324</b>	<b>4,608</b>	<b>23,656</b>	<b>29,588</b>





**Utility-Scale Solar Projects in the United States**  
**Operating, Under Construction, or Under Development**

Updated January 17, 2012

Developer	Project Name	Electricity Purchaser	City/County	State	PV/CSP	Technology	Status	Land Type	Online Date	Capacity
SunEdison	Pima County Wastewater Reclamation Solar Farm	Pima County	Tucson	AZ	PV	PV	Operating	Private	2011	1
BP Solar	USMC 29 Palms	United States Marine Corps	Twentynine Palms	CA	PV	PV	Operating	Private	2003	1
Solon	Vaca-Dixon Solar Station	Pacific Gas & Electric	Vacaville	CA	PV	PV	Operating	Private	2010	2
Connectiv Energy	Vineland Solar One	Vineland Municipal Electric Utility	Vineland	NJ	PV	PV	Operating	Private	2009	4
	Washington Township Solar Array	Dayton Power and Light	Washington	OH	PV	PV	Operating	Private	2010	1
Fotowatio Renewable Ventures	Austin Energy PV Project	Austin Energy	Webberville	TX	PV	PV	Operating	Private	2011	30
enXco	Yamhill Solar	Portland General Electric	Yamhill	OR	PV	PV	Operating	Private	Oct-11	2
enXco	Bellevue Solar	Portland General Electric	Yamhill	OR	PV	PV	Operating	Private	Oct-11	1
Main Street Power	Arizona Western College	Arizona Public Service	Yuma	AZ	PV	PV	Operating	Private	2011	5
enXco	Pocono Raceway Solar Facility		Lond Pond	PA	PV	PV	Operating	Private		3
GDF Suez	Northfield Mountain Solar Farm		Northfield	MA	PV	Thin-film	Operating	Private	2011	2
Strata Solar	Kings Mountain Solar Farm		Kings Mountain	NC	PV	PV	Operating	Private	Jan-12	5
SunPower	Princeton University Solar Farm	Princeton University	Princeton	NJ	PV	PV	Under Construction	Private		5
BlueChip Energy	Sorrento Eagle Dunes Solar Farm Expansion	Progress Energy Florida	Orlando	FL	PV	PV	Under Construction	Private		60
Recurrent Energy	Ajo	Arizona Public Service	Ajo	AZ	PV	PV	Under Construction	Private		5
First Solar	AV Solar Ranch One	Pacific Gas & Electric	Antelope Valley	CA	PV	PV	Under Construction	Private		230
Sempra Generation	Mesquite Solar Phase 1	Pacific Gas & Electric	Arlington	AZ	PV	PV	Under Construction	Private		108
BrightSource Energy	Ivanpah Solar Electric Generating System (SEGS) II	Southern California Edison	Barstow	CA	CSP	Tower	Under Construction	Public		133
BrightSource Energy	Ivanpah Solar Electric Generating System (SEGS) III	Pacific Gas & Electric	Barstow	CA	CSP	Tower	Under Construction	Public		136
BrightSource Energy	Ivanpah Solar Electric Generating System (SEGS) I	Pacific Gas & Electric	Barstow	CA	CSP	Tower	Under Construction	Public		123
Solar Millennium	Blythe Solar Power Project: Phase I	Southern California Edison	Blythe	CA	PV	PV	Under Construction	Public		500
American Capital Energy		National Grid	Boston	MA	PV	PV	Under Construction	Private		2
GreenVolts Inc.	GV1	Pacific Gas & Electric	Byron	CA	CSP	CPV	Under Construction	Private		2
First Solar	Topaz Solar Farm	Pacific Gas & Electric	Carrisa Plains	CA	PV	Thin-film	Under Construction	Private		550
	Chattanooga Metropolitan Airport Solar Farm	EPB/Tennessee Valley Authority	Chattanooga	TN	PV	PV	Under Construction	Private		1
Conergy	Ingram's Mill Farm	PJM wholesale market	Chester County	PA	PV	PV	Under Construction	Private		1
First Solar	Desert Sunlight	Southern California Edison	Desert Center	CA	PV	Thin-film	Under Construction	Public		550
Constellation Energy	Mount St. Mary's University Solar Farm	Constellation Energy	Emmitsburg	MD	PV	PV	Under Construction	Private		16
Lincoln Renewable Energy	NJ Oak Solar Farm	Atlantic City Electric	Fairfield Township	NJ	PV	PV	Under Construction	Private		10
Q Cells		Pacific Gas & Electric	Fresno	CA	PV	PV	Under Construction	Private		20
Cupertino Electric	Huron Solar Farm	Pacific Gas & Electric	Fresno	CA	PV	PV	Under Construction	Private		20
Q Cells		Pacific Gas & Electric	Fresno	CA	PV	PV	Under Construction	Private		10
Abengoa Solar	Solana	Arizona Public Service	Gila Bend	AZ	CSP	Trough	Under Construction	Private		280
Rivermoor Energy		National Grid	Haverhill	MA	PV	PV	Under Construction	Private		1
Signal Energy	West Tennessee Solar Farm	Chickasaw Electric Coop./TVA	Haywood County	TN	PV	PV	Under Construction	Public		5
Constellation Energy		Holyoke Gas & Electric	Holyoke	MA	PV	PV	Under Construction	Private		5
Borrego Solar	Edwards Air Force Base Solar Farm	Edwards Air Force Base	Kern County	CA	PV	PV	Under Construction	Private		3
Solon		UniSource Energy Services	Kingman	AZ	PV	PV	Under Construction	Private		10
Solon		UniSource Energy Services	Kingman	AZ	PV	PV	Under Construction	Private		10
BlueChip Energy	Rinehart Solar Farm	Progress Energy Florida	Lake Mary	FL	PV	PV	Under Construction	Private		10
Beautiful Earth Group	Del Sur Solar	Southern California Edison	Lancaster	CA	PV	PV	Under Construction	Private		38
Invernergy	Grand Ridge Solar Plant	ComEd	LaSalle County	IL	PV	PV	Under Construction	Private		20
KDC Solar	Lawrenceville School Solar Farm	Lawrenceville School	Lawrence	NJ	PV	PV	Under Construction	Private		6
SunEdison		Southwestern Public Service Co.	Lea & Eddy Counties	NM	PV	PV	Under Construction	Private		20
SunPower	McHenry Solar Farm	Modesto Irrigation District	Modesto	CA	PV	PV	Under Construction	Private		25
BNB Renewable Energy Holdings	BNB Napoleon Solar LLC: Phase 1	Campbell Soup Company	Napoleon	OH	PV	PV	Under Construction	Private		100
SolarReserve	Crescent Dunes Solar Energy Project	NV Energy	Nye County	NV	CSP	Tower	Under Construction	Public		10
SunPower		Hawaiian Electric	Oahu	HI	PV	PV	Under Construction	Private		5
BlueChip Energy	Sorrento Eagle Dunes Solar Farm	Progress Energy Florida	Orlando	FL	PV	PV	Under Construction	Private		40
SPI Solar		Southern California Edison	Palm Springs	CA	PV	PV	Under Construction	Private		8
Solar Power Inc.	Palm Springs Solar PV Project-II	Southern California Edison	Palm Springs	CA	PV	PV	Under Construction	Private		5
SunEdison	Prescott	Arizona Public Service	Prescott	AZ	PV	PV	Under Construction	Private		10
NextEra Energy Resources	Genesis Solar Energy Project	Pacific Gas & Electric	Riverside County	CA	CSP	Trough	Under Construction	Public		250
SolarReserve	Rice Solar Energy Project	Pacific Gas & Electric	Riverside County	CA	CSP	Tower	Under Construction	Private		150
Recurrent Energy	Bruceville	Sacramento Municipal Utility District	Sacramento	CA	PV	PV	Under Construction	Private		19
Recurrent Energy	Kammerer	Sacramento Municipal Utility District	Sacramento	CA	PV	PV	Under Construction	Private		19
Recurrent Energy	Dillard	Sacramento Municipal Utility District	Sacramento	CA	PV	PV	Under Construction	Private		12
Abengoa Solar	Mojave Solar	Pacific Gas & Electric	San Bernardino County	CA	CSP	Trough	Under Construction	Private		280
SunPower	California Valley Solar Ranch	Pacific Gas & Electric	San Luis Obispo	CA	PV	PV	Under Construction	Private		250
American Capital Energy		NV Energy	Searchlight	NV	PV	PV	Under Construction	Private		20
Solon		UniSource Energy Services	Tucson	AZ	PV	PV	Under Construction	Private		5
Solar Project Solutions	Atwell Island	Pacific Gas & Electric	Tulare County	CA	PV	PV	Under Construction	Public		20
Connectiv Energy	Vineland Solar One Expansion	Vineland Municipal Electric Utility	Vineland	NJ	PV	PV	Under Construction	Private		12
Recurrent Energy	Bagdad Solar Project	Arizona Public Service	Yavapai	AZ	PV	PV	Under Construction	Private		15
First Solar	Agua Caliente	Pacific Gas & Electric	Yuma County	AZ	PV	PV	Under Construction	Private		290
Cogentrix	Alamosa Solar Generating Project	Public Service Company of Colorado	Alamosa	CO	CSP	HCPV	Under Construction	Private		30
Carthartes Private Investments			Westford	MA	PV	PV	Under Construction	Private		5
Acciona Solar Power	Ft. Irwin Solar Power Project	U.S. Army/surrounding utilities	Ft. Irwin	CA	PV	PV	Under Construction	Public		20
New Energy and Industrial Technology Development Organization	Los Alamos County Landfill Solar Facility		Los Alamos	NM	PV	PV	Under Construction	Private		2
NJR Clean Energy Ventures			East Windsor	NJ	PV	PV	Under Construction	Private		14
RRE Austin Solar	Pflugerville Solar Power Plant		Pflugerville	TX	PV	PV	Under Construction	Private		60
Silicon Ranch	Pulaski Energy Park Solar Farm		Pulaski	TN	PV	PV	Under Construction	Private		1
Fotowatio Renewable Ventures	Tucson Solar	Tucson Electric Power	Tucson	AZ	PV	PV	Under Construction	Private		25
Sopogy	Keahole Solar Power		Oahu	HI	CSP	MicroCSP	Under Construction	Private		5
Zongyi Solar America	Tinton Falls Solar Farm		Tinton Falls	NJ	PV	PV	Under Construction	Private		20
SunPower	ASU Solar Array	Salt River Project	Mesa	AZ	CSP	CPV	Under Development	Private		1
SunEdison	Antelope Solar Farm	Southern California Edison	Lancaster County	CA	PV	PV	Under Development	Private		20
SunEdison	Adobe Solar	Southern California Edison	Kern County	CA	PV	PV	Under Development	Private		20
8minuteenergy	Calexico Solar Farm 1		Imperial Valley	CA	PV	PV	Under Development	Private		200
Silicon Ranch	Social Circle Solar Farm	Georgia Power	Social Circle	GA	PV	PV	Under Development	Private		30
OCI Solar Power		CPS Energy	San Antonio	TX	PV	PV	Under Development	Private		400
8minuteenergy	Calexico Solar Farm 2		Imperial Valley	CA	PV	PV	Under Development	Private		200
8minuteenergy	Calipatria Solar Farm 1		Imperial Valley	CA	PV	PV	Under Development	Private		50
8minuteenergy	Calipatria Solar Farm 2		Imperial Valley	CA	PV	PV	Under Development	Private		50
8minuteenergy	Chocolate Mountains Solar Farm		Imperial Valley	CA	PV	PV	Under Development	Private		50
8minuteenergy	Midway Solar Farm 1		Imperial Valley	CA	PV	PV	Under Development	Private		50
8minuteenergy	Midway Solar Farm 2		Imperial Valley	CA	PV	PV	Under Development	Private		155
8minuteenergy	Midway Solar Farm 3		Imperial Valley	CA	PV	PV	Under Development	Private		200
8minuteenergy	Midway Solar Farm 4		Imperial Valley	CA	PV	PV	Under Development	Private		50
SolarWorld		Los Angeles Department of Water & Power	Adelanto	CA	PV	PV	Under Development	Private		12
8minuteenergy	Mount Signal Solar Farm		Imperial Valley	CA	PV	PV	Under Development	Private		200
8minuteenergy	Salton Sea Solar Farm 1		Imperial Valley	CA	PV	PV	Under Development	Private		50
Cogentrix Solar Services	North Alamosa County Project	Xcel Energy	Alamosa County	CO	CSP	Lens CPV	Under Development	Private		200
8minuteenergy	Salton Sea Solar Farm 2		Imperial Valley	CA	PV	PV	Under Development	Private		100
Fotowatio Renewable Ventures	Apex	NV Energy	Las Vegas	NV	PV	PV	Under Development	Private		26
Sempra Generation	Mesquite Solar	Pacific Gas & Electric	Arlington	AZ	PV	PV	Under Development	Private		530
Florida Power & Light Co.	Babcock Ranch	Florida Power & Light Co.	Babcock Ranch	FL	PV	PV	Under Development	Private		75
AES Solar			Palm Springs	CA	PV	PV	Under Development	Private		13
Solar Millennium	Blythe Solar Power Project: Phase II	Southern California Edison	Blythe	CA	PV	PV	Under Development	Private		500
Albisa	Kingman Project		Kingman	AZ	CSP	Trough	Under Development	Private		200
Atlantic Green Power			Salem County	NJ	PV	PV	Under Development	Private		80
Boulevard Associates LLC	Sonoran Solar Energy Project		Maricopa County	AZ	PV	PV	Under Development	Public		300



## Utility-Scale Solar Projects in the United States Operating, Under Construction, or Under Development

Updated January 17, 2012

Developer	Project Name	Electricity Purchaser	City/County	State	PV/CSP	Technology	Status	Land Type	Online Date	Capacity
Sempra Generation	Copper Mountain 2	Pacific Gas & Electric	Boulder City	NV	PV	PV	Under Development	Private		150
New York Power Authority	SUNY Buffalo	New York Power Authority	Buffalo	NY	PV	PV	Under Development	Private		7
BP Solar			Sierra County	NM	PV	PV	Under Development	Private		22
Southern Sky Renewable Energy	Canton Landfill Solar Facility	NSTAR	Canton	MA	PV	PV	Under Development	Private		5.6
American Capital Energy		Cape & Vineyard Electric Cooperative	Cape Cod	MA	PV	PV	Under Development	Private		18
BrightSource Energy	Hidden Hills Solar Electric Generating System		Inyo County	CA	CSP	LFT	Under Development	Private		500
BrightSource Energy	Rio Mesa		Riverside	CA	CSP	Tower	Under Development			750
SunPower	China Lake	Naval Air Weapons Station	China Lake	CA	PV	PV	Under Development			14
SunEdison	Chino Valley Solar Plant	Arizona Public Service	Chino Valley	AZ	PV	PV	Under Development	Private		19
C.F. Properties			Barstow	CA	PV	PV	Under Development	Private		19
Clear Skies Solar Inc.			Cantil	CA	PV	PV	Under Development			6
BrightSource Energy	Coyote Springs 1	Pacific Gas & Electric	Coyote Springs	NV	CSP	Tower	Under Development	Private		200
BrightSource Energy	Coyote Springs 2	Pacific Gas & Electric	Coyote Springs	NV	CSP	Tower	Under Development	Private		200
ESA Renewables	Martins Creek Solar Farm	Tennessee Valley Authority	Culberson	NC	PV	PV	Under Development	Private		1
Corporación Gestamp/ GA-Solar			Guadalupe County	NM	PV	PV	Under Development			300
New Harvest Ventures/Agile Energy	Turning Point Solar	American Electric Power	Cumberland	OH	PV	PV	Under Development			50
Solar Millennium	Palen Solar Power Project	Southern California Edison	Desert Center	CA	PV	PV	Under Development	Public		500
CPV Renewable Energy Company	CPV Piney Reach Solar Farm		Charles County	MD	PV	PV	Under Development	Private		10
Element Power	Alpine Solar Farm		Presidio	TX	PV	PV	Under Development	Private		50
Element Power	Armadillo Flats Solar Farm		Pueblo	CO	PV	PV	Under Development	Private		30
Element Power	Carlls Corner Solar Farm		Cumberland	NJ	PV	PV	Under Development	Private		20
Element Power	Copper Rays Solar Farm		Nye County	NV	PV	PV	Under Development	Public		200
Silverado Power	Estancia Solar Farm	PNM	Estancia	NM	PV	PV	Under Development	Private		20
Element Power	Cove Creek Solar Farm		Fulton	PA	PV	PV	Under Development	Private		50
Element Power	Great Valley Solar Farm		Tulare	CA	PV	PV	Under Development	Public		120
Acciona Solar Power	Ft. Irwin Solar Power Project	U.S. Army/surrounding utilities	Ft. Irwin	CA	CSP	Trough	Under Development	Public		500
Element Power	High Desert Solar Farm		Kern	CA	PV	PV	Under Development	Private		16
National Solar Power	Gadsden Solar Farm	Progress Energy Florida	Gadsden County	FL	PV	PV	Under Development	Private		400
Element Power	Little Mountain solar project		Weber County	UT	PV	PV	Under Development	Private		55
SunPower	Luke Air Force Base	Arizona Public Service	Glendale	AZ	PV	PV	Under Development	Private		14
Axio Power	The Greenfield Solar Farm	Town of Greenfield	Greenfield	MA	PV	PV	Under Development	Public		2
Element Power	Marion Country Solar Farm		Marion	OH	PV	PV	Under Development	Private		15
Maryland Solar LLC		FirstEnergy Solutions	Hagerstown	MD	PV	PV	Under Development	Private		20
National Solar Power	Hardee Solar Farm	Progress Energy Florida	Hardee	FL	PV	PV	Under Development	Private		400
NRG Energy	Wharton Generating Station	City of Houston	Houston	TX	PV	PV	Under Development	Private		10
SunEdison	Hyder Solar Plant	Arizona Public Service	Hyder	AZ	PV	PV	Under Development	Private		16
Soltec/Csolar	Imperial Solar Energy Center West	San Diego Gas & Electric	Imperial County	CA	PV	Thin-film	Under Development	Private		150
CSolar Development	Imperial Solar Energy Center South	San Diego Gas & Electric	Imperial County	CA	PV	Thin-film	Under Development	Private		130
Ormat		Imperial Irrigation District	Imperial Valley	CA	PV	PV	Under Development	Private		10
Element Power	Mojave View Solar Farm		Kern	CA	PV	PV	Under Development	Private		200
Element Power	New Market Solar Farm		Dorchester	MD	PV	PV	Under Development	Private		15
Element Power	Sun Streams Solar Farm		Maricopa	AZ	PV	PV	Under Development	Private		150
Element Power	Wild Sands Solar Farm		Riverside	CA	PV	PV	Under Development	Private		20
Element Power	Wildflower Green Energy Farm		Los Angeles	CA	PV	PV	Under Development	Private		100
Emcore/SunPeak Power Energy Farm Inc.			Southwest U.S. Freeport	CA	CSP	Lens CPV	Under Development			200
ENN Mojave Energy	Mojave Green Center Phase I		Freeport	FL	PV	PV	Under Development	Private		74
LS Power	Centinelas Solar Energy	San Diego Gas & Electric	Imperial Valley	NV	PV	Thin-film	Under Development	Private		360
ENN Mojave Energy	Mojave Green Center Phase II		Imperial Valley	CA	PV	PV	Under Development	Private		275
EDS Ventures	Southern Vermont Solar Array		Williamstown	VT	PV	Thin-film	Under Development	Private		360
ESA Renewables	Claysville Solar Farm		Washington	PA	PV	PV	Under Development	Private	2011	2
MMR Power Solutions	Mt. Signal Solar	San Diego Gas & Electric	Imperial Valley	CA	CSP	Trough	Under Development			49
ET Energy Solutions LLC	Indianapolis Airport Solar Farm	Indianapolis Power and Light	Indianapolis	IN	PV	PV	Under Development	Private		10
Green Energy Capital Partners	Pennsylvania Solar Park		Nesquehoning	PA	PV	PV	Under Development	Private		20
GWS Technologies Inc.	Florence Solar Farm		Florence	AZ	PV	PV	Under Development			6
Cascade Solar, LLC	Kauai Solar Project	Southern California Edison	Joshua Tree	CA	PV	PV	Under Development	Private		10
PowerWorks	Kauai Island Coop		Kauai	HI	PV	PV	Under Development	Private		10
Pacific Light & Power	Westside Solar Project	Kauai Island Cooperative	Kauai	HI	CSP	Trough	Under Development	Private		10
Harper Lake LLC	Harper Lake Solar Plant		Kauai	CA	CSP	Trough	Under Development			250
Inland Energy Inc.	Palmdale Hybrid Gas-Solar plant		Palmdale	CA	CSP	Trough	Under Development	Public		50
Recurrent Energy		Southern California Edison	Kern County	CA	PV	PV	Under Development			6
Recurrent Energy		Southern California Edison	Kern County	CA	PV	PV	Under Development			22
enXco	Catalina Solar Project Phase I	San Diego Gas & Electric	Kern County	CA	PV	PV	Under Development	Private		50
enXco	Catalina Solar Project Phase II	San Diego Gas & Electric	Kern County	CA	PV	PV	Under Development	Private		60
eSolar	Gaskell Sun Tower (Phase I)	Southern California Edison	Kern County	CA	CSP	Tower	Under Development	Private		105
eSolar	Gaskell Sun Tower (Phase II)	Southern California Edison	Kern County	CA	CSP	Tower	Under Development	Private		140
Fotowatio Renewable Ventures		Southern California Edison	Kern County	CA	PV	PV	Under Development	Private		20
Fotowatio Renewable Ventures		Southern California Edison	Kern County	CA	PV	PV	Under Development	Private		20
Fotowatio Renewable Ventures		Southern California Edison	Kern County	CA	PV	PV	Under Development	Private		60
enXco	Marin Solar Facility	Marin Clean Energy	Kern/Kings/Tulare	CA	PV	PV	Under Development			31
Inland Energy Inc.	Victorville Hybrid Gas-Solar plant		Victorville	CA	CSP	Trough	Under Development	Public		50
Solar Project Solutions	Corcoran	Pacific Gas & Electric	Kings County	CA	PV	PV	Under Development	Public		20
Jemez Pueblo			Jemez Pueblo	NM	PV	PV	Under Development	Private		4
K Road Solar	Calico Solar Project I		San Bernardino County	CA	PV	PV	Under Development	Public		663
SunEdison		Lakeland Electric	Lakeland	FL	PV	PV	Under Development	Private		6
NRG Energy	Alpine Solar Project	Pacific Gas & Electric	Lancaster	CA	PV	PV	Under Development	Private		66
Fotowatio Renewable Ventures		U.S. Air Force	Lancaster	CA	PV	PV	Under Development	Public		500
Community Energy		Exelon Generation LLC	Lancaster County	PA	PV	PV	Under Development	Private		6
Community Energy		Wholesale Power Market	Lancaster County	PA	PV	PV	Under Development	Private		6
enXco	Long Island	Long Island Power Authority	Long Island	NY	PV	PV	Under Development	Public		13
Fotowatio Renewable Ventures		Southern California Edison	Los Angeles County	CA	PV	PV	Under Development	Private		20
K Road Solar	Calico Solar Project II		Los Angeles County	CA	CSP	Dish-engine	Under Development	Public		100
SunPower	Quinto	Southern California Edison	Los Banos	CA	PV	PV	Under Development	Private		110
Lincoln Renewable Energy	NJ Cedar Solar Plant		Manning Township	NJ	PV	PV	Under Development	Private		10
Lincoln Renewable Energy			Alamosa County	CO	PV	PV	Under Development			37
Arlington Valley Solar Energy II		San Diego Gas & Electric	Maricopa County	AZ	PV	PV	Under Development	Private		127
Matinee Energy			Cochise	AZ	PV	PV	Under Development	Private		25
Matinee Energy			Dragoon	AZ	PV	PV	Under Development	Private		150
North Star Solar		Pacific Gas & Electric	Mendota	CA	PV	PV	Under Development	Private		60
Mojave Sun Power	Hualapai Valley Solar Project		Mojave County	AZ	CSP	Trough	Under Development			340
KDC Solar/Sundance Energy			Middlesex	NJ	PV	PV	Under Development	Private		7
Needle Mountain Power LLC	Sterling Project	Middlesex County	Lake Havasu City	CA	PV	PV	Under Development	Private		1,200
GrandView Solar PV One		Idaho Power Co.	Mountain Home AFB	ID	PV	PV	Under Development	Public		20
Solutions for Utilities		Southern California Edison	Newberry	CA	PV	PV	Under Development			8
Imperial Valley Solar Company		Imperial Irrigation District	Niland	CA	PV	PV	Under Development	Private		23
510nano, Inc.		Dominion North Carolina Power	Northampton County	NC	PV	PV	Under Development	Private		1
Pacific Solar Investments Inc.	Amargosa North Solar Project	NV Energy	Nye County	NV	PV	PV	Under Development	Public		150
Solar Millennium	Amargosa Farm Road Solar Energy Project 1	NV Energy	Nye County	NV	PV	PV	Under Development	Public		242
Solar Millennium	Amargosa Farm Road Solar Energy Project 2	NV Energy	Nye County	NV	PV	PV	Under Development	Public		242
Nextlight Renewable Power/First Solar	Boulder City Solar		Boulder City	NV	PV	PV	Under Development	Private		150
Sempra Generation	Pearl Harbor Solar	Hawaiian Electric Co/Pearl Harbor Naval Base	Oahu	HI	PV	PV	Under Development	Private		300
Westwood Renewables		Dairyland Power Cooperative	Olmsted County	MN	PV	PV	Under Development	Public		2



## Utility-Scale Solar Projects in the United States Operating, Under Construction, or Under Development

Updated January 17, 2012

Developer	Project Name	Electricity Purchaser	City/County	State	PV/CSP	Technology	Status	Land Type	Online Date	Capacity
OPDE U.S. Corporation		Los Angeles Department of Water & Power	Owens Lake	CA	PV	PV	Under Development	Private		10
Solar Power Inc.			West Sacramento	CA	PV	PV	Under Development	Private		20
Pacific Blue Energy Corporation	Sunshine Solar Farm	Southern California Edison	Palm Springs	CA	PV	PV	Under Development	Private		3
SEPV 1, LLC			Cocoino County	AZ	PV	PV	Under Development	Private		20
American Capital Energy	William Stanley Business Park	Southern California Edison	Palmdale	CA	PV	PV	Under Development	Private		2
Energy S.O	Florida Solar 1	Western Massachusetts Electric Co.	Pittsfield	MA	PV	PV	Under Development	Private		2
Pegasus Energy Partners	Mountain House Solar Farm	Tampa Electric	Polk County	FL	PV	PV	Under Development	Private		25
Nextlight Renewable Power/First Solar	Silver State South Solar Project	Southern California Edison	Alameda County	CA	PV	PV	Under Development	Private		400
Nextlight Renewable Power/First Solar	Silver State North Solar Project	NV Energy	Primm	NV	PV	PV	Under Development	Public		267
PowerWorks	Golden Hills		Alameda County	CA	PV	PV	Under Development	Public		140
Juwi Solar Inc.	Queen Creek Solar Farm	Salt River Project	Queen Creek	AZ	PV	PV	Under Development	Private		70
Scatec Solar	Redhills Renewable Energy Park		Iron County	UT	PV	PV	Under Development	Private		25
Scatec Solar	Westside Solar Ranch		Stanislaus County	CA	PV	PV	Under Development	Private		100
Wansheng America/New Generation Power	Rockford Solar Project	Ameren Illinois	Rockford	IL	PV	PV	Under Development	Private		50
SunPower	AVSP 1	Southern California Edison	Rosamond	CA	PV	PV	Under Development	Private		62
SunPower	AVSP 2	Southern California Edison	Rosamond	CA	PV	PV	Under Development	Private		325
American Capital Energy	Campbell Soup Solar Array	Campbell Soup Company	Sacramento	CA	PV	PV	Under Development	Private		276
Scatec Solar			Oahu	HI	PV	PV	Under Development	Private		2
SECP/POSCO Power			Boulder City	NV	PV	PV	Under Development	Public		6
Sithe Global Power	Toquop Energy Project		Mesquite	NV	PV	PV	Under Development	Private		300
Recurrent Energy		Southern California Edison	San Bernardino County	CA	PV	PV	Under Development	Private		100
Solar Energy Initiatives Inc.	California Solar Park		CA	PV	PV	Under Development	Private		22	
Chevron Energy Solutions	Lucerne Valley Solar Project	Southern California Edison	San Bernardino County	CA	PV	Thin-film	Under Development	Public		100
Sol Orchard LLC		San Diego Gas & Electric	San Diego County	CA	CSP	CPV	Under Development	Private		45
Soitec Solar Development		San Diego Gas & Electric	San Diego County	CA	CSP	CPV	Under Development	Private		50
Solar Energy Initiatives Inc.	West Texas Solar Park		TX	PV	PV	Under Development	Private		30	
SunPower	High Plains Ranch III	Pacific Gas & Electric	San Luis Obispo	CA	PV	PV	Under Development	Private		300
Sustainable Energy Capital Partners		Southern California Edison	Santa Ana	CA	PV	Thin-film	Under Development	Private		40
Solar Energy Initiatives Inc.			GA	PV	PV	Under Development	Private		20	
Solar Land Partners	Charca		CA	PV	PV	Under Development	Private		1	
	Springerville Generating Station Solar System (expansion)	Tucson Electric Power	Springerville	AZ	PV	Thin-film	Under Development	Private		5
Western Massachusetts Electric Co.		Western Massachusetts Electric Company	Springfield	MA	PV	PV	Under Development	Private		2
Solar Land Partners	Wasco		Wasco	CA	PV	PV	Under Development	Private		4
Bell Independent Power Corp	UA Tech Park Thermal Storage Demonstration Project	Arizona Public Service	Tonopah	AZ	PV	PV	Under Development	Private		3
Tucson Electric Power	Bright Tucson	Tucson Electric Power	Tucson	AZ	CSP	Trough	Under Development	Private		15
Solar Power Inc.			Rio Linda	CA	PV	PV	Under Development	Private		5
Solar Project Solutions	Alpaugh	Pacific Gas & Electric	Tulare County	CA	PV	PV	Under Development	Public		2
Solar Project Solutions	Alpaugh North	Pacific Gas & Electric	Tulare County	CA	PV	PV	Under Development	Public		10
Solar Project Solutions	White River	Pacific Gas & Electric	Tulare County	CA	PV	PV	Under Development	Private		20
SEPV 2, LLC		Southern California Edison	Twentynine Palms	CA	PV	PV	Under Development	Private		2
Solargen Energy			San Benito County	CA	PV	PV	Under Development	Private		420
PPL Renewable Energy	Warren County Project	PPL Renewable Energy	Warren County	NJ	PV	PV	Under Development	Private		5
SolarReserve	Crossroads Solar Energy Project		Gila Bend	AZ	CSP	Tower	Under Development	Private		150
SolarReserve	Quartzsite Solar Energy Project		La Paz County	AZ	CSP	Tower	Under Development	Public		100
SolarReserve	Saguache Solar Energy Project		Saguache County	CO	CSP	Tower	Under Development	Private		200
Southwest Solar	SolarCAT Pilot Plant		AZ	CSP	Dish-engine	Under Development	Private		10	
SPI Solar			Egg Harbor	NJ	PV	PV	Under Development	Private		11
Sunergy World			Boise	ID	PV	PV	Under Development	Public		10
Western Wind		Puerto Rico Electric Power Authority	Yabucoa	PR	PV	PV	Under Development	Public		30
SolarVision	Yellow Springs Solar Array		Yellow Springs	OH	PV	PV	Under Development	Private		3
GRE 214 East Lyme LLC	East Lyme Solar Park	Connecticut Light & Power	CT	PV	PV	Under Development	Private		5	
HelioSage Energy LLC	Somers Solar Center	Connecticut Light & Power	CT	PV	PV	Under Development	Private		5	
SunWorks Solar Systems			Central Fla.	FL	PV	PV	Under Development	Private		2
Syncarpha Capital			Easthampton	NJ	PV	PV	Under Development	Private		3
Teanaway Solar Reserve LLC	Teanaway Solar Reserve		Ole Elum	WA	PV	PV	Under Development	Private		75
First Solar		PNM	NM	PV	Thin-film	Under Development	Private		22	
AES Solar	Imperial Valley Solar Project	San Diego Gas & Electric	CA	PV	PV	Under Development	Public		709	
Tessera Solar	San Luis Valley		Saguache County	CO	CSP	Dish-engine	Under Development	Private		145
TriLand Partners	Williamstown solar farm		Williamstown	VT	PV	PV	Under Development	Private		2
Vidler Water Co.	Fish Springs Solar Ranch		Washoe County	NV	PV	PV	Under Development	Private		100
American Capital Energy		Florida Power & Light Co.	CA	PV	PV	Under Development	Private		6	
Westside Holdings	Westlands Solar Park		San Joaquin Valley	CA	PV	PV	Under Development	Private		2,700
SunEdison		CPS Energy	TX	PV	PV	Under Development	Private		30	
SunEdison		California State Universities	CA	PV	Thin-film	Under Development	Public		8	