

Utility-Scale Solar Projects in the United States

Operating, Under Construction, or Under Development

Updated May 9, 2013



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.

While utility-scale solar is a large and growing segment of the U.S. solar industry, cumulative installations for non-residential (commercial, non-profit and government) solar total 1,889 MW. For more information on the U.S. solar market, visit 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

For more information:

Press inquiries should be directed to Jamie Nolan at jnolan@seia.org
If you have comments on this list, please contact research@seia.org.

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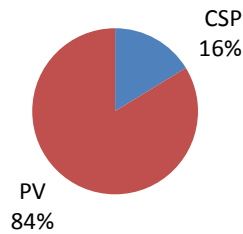
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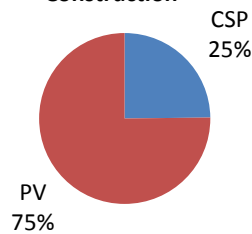
Utility-Scale Project Capacity by Technology and Completion Status (MW)

Technology	Operating	Under Construction	Under Development	Total
CSP	523	1,192	4,244	5,959
PV	2,695	3,608	20,155	26,458
Total	3,218	4,800	24,399	32,417

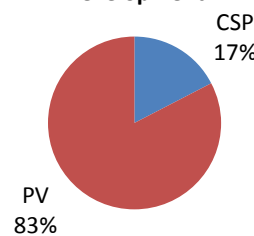
Operating Projects



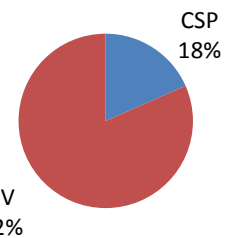
Projects Under Construction



Projects Under Development



Total Project Pipeline



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

State	Operating	Under Construction	Under Development	Total
Arizona	633	495	1,984	3,111
California	1,222	3,525	14,465	19,213
Colorado	109		267	377
Connecticut			10	10
Delaware	23	4	3	30
Florida	136	40	964	1,140
Georgia	2		40	42
Hawaii	17	6	49	72
Idaho		20	70	90
Illinois	30		60	90
Indiana		10	40	50
Kentucky	2			2
Massachusetts	27	9	42	77
Maryland	39		25	64
Minnesota	2		2	4
North Carolina	151	70	164	386
New Jersey	134	25	129	288
New Mexico	159	30	404	593
Nevada	332	468	4,562	5,362
New York	37			37
Ohio	33	3	68	104
Oregon	10			10
Pennsylvania	27	1	30	58
Puerto Rico			30	30
Tennessee	15	4		19
Texas	75	89	719	883
Utah			155	155
Vermont	5		7	12
Washington			75	75
unknown			36	36
Total	3,218	4,800	24,399	32,417



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Developer	Project Name	Electricity Purchaser	City/County	State	PV/CSP	Technology	Status	Land Type	Date Announced	Online Date	Capacity
Strata Solar	Dibrell Solar Farm			NC	PV	c-Si	Under Construction	Private			6
Strata Solar	Fuquay Solar Farm		Middle Creek	NC	PV	c-Si	Under Construction	Private			6
Strata Solar	Lenoir 2 Solar Farm			NC	PV	c-Si	Under Construction	Private			6
Strata Solar	Rock Farm			NC	PV	c-Si	Under Construction	Private			6
Strata Solar	Two Lines Solar Farm			NC	PV	c-Si	Under Construction	Private			6
SunEdison	Chino Valley Solar Plant	Arizona Public Service	Chino Valley	AZ	PV	c-Si	Under Construction	Private			20
SunEdison	Georgetown Solar Farm	Delaware Electric	Georgetown	DE	PV	c-Si	Under Construction	Private	Mar-12		4
SunEdison	Spectrum Solar	NV Energy	Clark County	NV	PV	c-Si	Under Construction	Private			30
SunEdison	Tucson Solar Project	Tucson Electric Power	Tucson	AZ	PV	c-Si	Under Construction	Private			20
SunEdison	Granville Solar Facility	Progress Energy Carolinas	Granville	NC	PV	c-Si	Under Construction	Private			3
SunEnergy1	Plymouth Solar Center	PJM	Plymouth	NC	PV	c-Si	Under Construction	Private			8
SunPower	Princeton University Solar Farm	Princeton University	Princeton	NJ	PV	c-Si	Under Construction	Private			4
SunPower	California Valley Solar Ranch	Pacific Gas & Electric	San Luis Obispo	CA	PV	c-Si	Under Construction	Private	Jan-09		120
SunPower	AVSP 1	Southern California Edison	Rosamond	CA	PV	c-Si	Under Construction	Private			325
SunPower	AVSP 2	Southern California Edison	Rosamond	CA	PV	c-Si	Under Construction	Private			276
SunPower	Bloomberg Solar Farm	Bloomberg	Skillman	NJ	PV	c-Si	Under Construction	Private			2
SunPower	Apple Data Center-Conover	Apple	Conover	NC	PV	c-Si	Under Construction	Private			20
SunPower	Yolo County Solar Farm	Yolo County	Yolo County	CA	PV	c-Si	Under Construction	Private			3
SunPower	Yolo County Solar Farm		Woodland	CA	PV	c-Si	Under Construction	Private			3
	Luke Air Force Base Solar Farm		Glendale	AZ	PV	c-Si	Under Construction	Private			14
	Otero County Solar Energy Center	PNM	Otero County	NM	PV	Thin-film	Under Construction	Private			8
	Manzano Solar Energy Center	PNM	Los Lunas	NM	PV		Under Construction	Private			20
510ano, Inc.		Dominion North Carolina Power	Northampton County	NC	PV	c-Si	Under Development	Private			1
8minuteenergy	Calexico Solar Farm 1		Imperial Valley	CA	PV	c-Si	Under Development	Private			200
8minuteenergy	Calexico Solar Farm 2		Imperial Valley	CA	PV	c-Si	Under Development	Private			200
8minuteenergy	Calipatria Solar Farm 1		Imperial Valley	CA	PV	c-Si	Under Development	Private			27
8minuteenergy	Chocolate Mountains Solar Farm		Imperial Valley	CA	PV	c-Si	Under Development	Private			50
8minuteenergy	Midway Solar Farm 1		Imperial Valley	CA	PV	c-Si	Under Development	Private			50
8minuteenergy	Midway Solar Farm 2		Imperial Valley	CA	PV	c-Si	Under Development	Private			155
8minuteenergy	Midway Solar Farm 3		Imperial Valley	CA	PV	c-Si	Under Development	Private			200
8minuteenergy	Midway Solar Farm 4		Imperial Valley	CA	PV	c-Si	Under Development	Private			50
8minuteenergy	Salton Sea Solar Farm 1		Imperial Valley	CA	PV	c-Si	Under Development	Private			50
8minuteenergy	Salton Sea Solar Farm 2		Imperial Valley	CA	PV	c-Si	Under Development	Private			67
8minuteenergy	Lotus Solar Farm		Mastera County	CA	PV	c-Si	Under Development	Private	2012		20
8minuteenergy	Redcrest Solar Farm	Southern California Edison	Kern County	CA	PV	c-Si	Under Development	Private	2013		20
Abengoa			Imperial Valley	CA	PV	c-Si	Under Development	Private	Jun-12		200
Acciona	Ft. Irwin Solar Power Project	U.S. Army/surrounding utilities	Ft. Irwin	CA	CSP	Parabolic Trough	Under Development	Public	2008		500
AES Solar			Palm Springs	CA	PV	c-Si	Under Development	Private			13
AES Solar	Imperial Valley Solar Project	San Diego Gas & Electric	Imperial Valley	CA	PV	c-Si	Under Development	Public	2011		709
Altis Solar	Kalaheoa Home Lands Solar		West Oahu	HI	CSP		Under Development	Private			5
Altaba	Kingman		Kingman	AZ	CSP	Parabolic Trough	Under Development	Private	2009		200
Alternate Power Development Northwest	Grandview Solar PV Four		Mountain Home AFB	ID	PV	c-Si	Under Development	Private			20
Alternate Power Development Northwest	Grandview Solar PV Three		Mountain Home AFB	ID	PV	c-Si	Under Development	Private			20
Alternate Power Development Northwest	Grandview Solar PV Two		Mountain Home AFB	ID	PV	c-Si	Under Development	Private			20
American Capital Energy		Cape & Vineyard Electric Cooperative	Cape Cod	MA	PV	c-Si	Under Development	Private			18
American Capital Energy	Campbell Soup Solar Array	Campbell Soup Company	Sacramento	CA	PV	c-Si	Under Development	Private	Apr-11		2
American Capital Energy		Florida Power & Light Co.		FL	PV	c-Si	Under Development	Private			6
Amnergy	Ridgecrest Center Solar Project	Progress Energy Carolinas	Ridgecrest	NC	PV	c-Si	Under Development	Private			22
Amonix	Blythe	Southern California Edison		PV	CPV		Under Development	Private		Nov-10	5
Amonix	Garnet	Southern California Edison		PV	CPV		Under Development	Private		Nov-10	5
Amonix	Littlerock	Southern California Edison	Torrance	CA	PV	CPV	Under Development	Private		Nov-10	5
Amonix	Lucerne	Southern California Edison	Lucerne Valley	CA	PV	CPV	Under Development	Private		Nov-10	14
Argand Energy	Airport Ground Solar 1	Progress Energy	Johnston County	NC	PV	c-Si	Under Development	Private	Mar-12		2
Arizona Public Service	Hyder Solar Plant II	Arizona Public Service	Hyder	AZ	PV	c-Si	Under Development	Private	Sep-12		14
Arreva	TEP's Sundt Boost Project	Tucson Electric Power	Tucson	AZ	CSP	CLFR	Under Development	Private	31-Jan-12		5
Atlantic Green Power	Upper Pittsgrove Township Solar Farm		Salem County	NJ	PV	c-Si	Under Development	Private			80
Axio Power	The Greenfield Solar Farm	Town of Greenfield	Greenfield	MA	PV	c-Si	Under Development	Public			2
Black & Veatch	Gila Bend Solar	Arizona Public Service	Gila Bend	AZ	PV	c-Si	Under Development	Private			32
BlueChip Energy	Sorrento Eagle Dunes Solar Farm Expansion	Progress Energy Florida	Sorrento	FL	PV	c-Si	Under Development	Private	Jan-12		60
BlueChip Energy	Rinehart Solar Farm Phase 2	Progress Energy Florida	Lake County	FL	PV	c-Si	Under Development	Private			8
BrightSource Energy	Coyote Springs 1	Pacific Gas & Electric	Coyote Springs	NV	CSP	Power Tower	Under Development	Private			200
BrightSource Energy	Coyote Springs 2	Pacific Gas & Electric	Coyote Springs	NV	CSP	Power Tower	Under Development	Private			200
BrightSource Energy	Palen Solar Power Project	Southern California Edison	Desert Center	CA	CSP	Power Tower	Under Development	Public	2009		500
BrightSource Energy	Apex-BSE		Clark County	NV	CSP	Power Tower	Under Development	Public	2012		750
BrightSource Energy	Sonoran West	Southern California Edison	Riverside	CA	CSP	Power Tower	Under Development	Private			540
C.F. Properties			Barstow	CA	PV	c-Si	Under Development	Private	2010		19
Calthness	Soda Mountain Solar Project		Baker	CA	PV	c-Si	Under Development	Public	Oct-12		350
Cascade Solar, LLC		Southern California Edison	Joshua Tree	CA	PV	c-Si	Under Development	Private			10
Chevron Energy Solutions	Lucerne Valley Solar Project	Southern California Edison	San Bernardino County	CA	PV	Thin-film	Under Development	Public	Filed 2008/NOI 2009		45
Corporación Gestamp/ GA-Solar			Guadalupe County	NM	PV	c-Si	Under Development	Private			300
CPV Renewable Energy Company	CPV Piney Reach Solar Farm		Charles County	MD	PV	c-Si	Under Development	Private	2009		10
CTC Electric	Ponterriil Solar Project	Western Massachusetts Electric Company	Pittsfield	MA	PV	c-Si	Under Development	Private			3
EDF Renewables	Marin Solar Facility	Marin Clean Energy	Kern/Kings/Tulare	CA	PV	c-Si	Under Development	Private			31
EDF Renewables	Corcoran	Pacific Gas & Electric	Kings County	CA	PV	c-Si	Under Development	Private			20
EDF Renewables	Desert Harvest		Riverside County	CA	PV	c-Si	Under Development	Public			150
Element Power	Copper Rays Solar Farm		Nye County	NV	PV	c-Si	Under Development	Public			200
Element Power	Alpine Solar Farm		Presidio	TX	PV	c-Si	Under Development	Private			50
Element Power	Armadillo Flats Solar Farm		Pueblo	CO	PV	c-Si	Under Development	Private			30
Element Power	Carls Corner Solar Farm		Cumberland	NJ	PV	c-Si	Under Development	Private			20
Element Power	Great Valley Solar Farm		Tulare	CA	PV	c-Si	Under Development	Public			120
Element Power	High Desert Solar Farm		Kern	CA	PV	c-Si	Under Development	Private			16
Element Power	Little Mountain solar project		Weber County	UT	PV	c-Si	Under Development	Private	5/15/2010		55
Element Power	Marion Country Solar Farm		Marion	OH	PV	c-Si	Under Development	Private			15
Element Power	Mojave View Solar Farm		Kern	CA	PV	c-Si	Under Development	Private			200
Element Power	New Market Solar Farm		Dorchester	MD	PV	c-Si	Under Development	Private			15
Element Power	Sun Streams Solar Farm		Maricopa	AZ	PV	c-Si	Under Development	Private			150
Element Power	Wild Sands Solar Farm		Riverside	CA	PV	c-Si	Under Development	Private			20
Element Power	Wildflower Green Energy Farm		Los Angeles	CA	PV	c-Si	Under Development	Private			100
Energy 5.0	Florida Solar 1	Tampa Electric	Polk County	FL	PV	c-Si	Under Development	Private	2009		25
Energy Farm Inc.			Freeport	FL	PV	c-Si	Under Development	Private			24
ENN Mojave Energy	Mojave Green Center Phase I			NV	PV	Thin-film	Under Development	Private	Jul-11		360
ENN Mojave Energy	Mojave Green Center Phase II			NV	PV	Thin-film	Under Development	Private	Jul-11		360
EOS Ventures	Southern Vermont Solar Array		Williamstown	VT	PV	c-Si	Under Development	Private			2
ESA Renewables	Clayville Solar Farm		Washington	PA	PV	c-Si	Under Development	Private	2011		20
ET Energy Solutions LLC	Indianapolis Airport Solar Farm Phase 2	Indianapolis Power and Light	Indianapolis	IN	PV	c-Si	Under Development	Private			10
First Solar	Silver State South Solar Project	Southern California Edison	Primm	NV	PV	Thin-film	Under Development	Public			350
First Solar	StateLine Solar Farm	Southern California Edison	San Bernardino County	CA	PV	Thin-film	Under Development	Private			300
First Solar	Macho Springs Solar Project	El Paso Electric	Deming	NM	PV	c-Si	Under Development	Private	Nov-12		50
First Solar	Cuyama	Pacific Gas & Electric	Santa Barbara	CA	PV	Thin-film	Under Development	Private			40
First Solar	Lost Hills	Pacific Gas & Electric	Kern County	CA	PV	Thin-film	Under Development	Private			32
First Solar	Solar Gen 2	PNM		CA	PV	Thin-film	Under Development	Private	Sep-12		20
First Solar	SDG&E	SDG&E	El Centro	CA	PV	Thin-film	Under Development	Private			150
Florida Power & Light Co.	Babcock Ranch	Florida Power & Light Co.	Babcock Ranch	FL	PV	c-Si	Under Development	Private			75
GDT Tek	Desert Hot Springs Solar Farm	Wholesale	Desert Springs	CA	PV	c-Si	Under Development	Private	Mar-12		20
Gestamp			Pownal	VT	PV	c-Si	Under Development	Private	Jul-12		2
Gestamp			Williamstown	VT	PV	c-Si	Under Development	Private	Jul-12		3
GRE 214 East Lyme LLC	East Lyme Solar Park	Connecticut Light & Power		CT	PV	c-Si	Under Development	Private			5
Green Energy Capital Partners	Pennsylvania Solar Park		Nesquehoning	PA	PV	c-Si	Under Development	Private	2010		10
GWS Technologies Inc.	Florence Solar Farm		Florence	AZ	PV	c-Si	Under Development	Private			6



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Hawaiian Solar Energy America	Garnet Solar Project	Southern California Edison	Palm Springs	CA	PV	c-Si	Under Development	Private			5
Harper Lake LLC	Harper Lake Solar Plant		Hamilton County	CA	CSP	Parabolic Trough	Under Development	Private	2008	2013	250
HeliSage Energy LLC	Somers Solar Center	Connecticut Light & Power		CT	PV	c-Si	Under Development	Private			5
HERO Solar	Hamilton County Solar Farm	Progress Energy	Hamilton County	FL	PV	c-Si	Under Development	Private	Jan-13		70
Horizon Energy Group	Solar Forest			NC	PV	c-Si	Under Development	Private			35
Infligen Energy	Wildwood Solar 1	Southern California Edison	Kern	CA	PV	c-Si	Under Development	Private	Apr-13		20
Intigen Energy	Pumpjack Solar 1	Southern California Edison	Kern	CA	PV	c-Si	Under Development	Private	Apr-13		20
Inland Energy Inc.	Palmdale Hybrid Gas-Solar plant		Palmdale	CA	CSP	Parabolic Trough	Under Development	Public	2008		50
Inland Energy Inc.	Victorville Hybrid Gas-Solar plant		Victorville	CA	CSP	Parabolic Trough	Under Development	Public	2007		50
Jemez Pueblo	Jemez Pueblo		Jemez Pueblo	NM	PV	c-Si	Under Development	Private			4
Juni Solar Inc.	Badger 1		Maricopa	AZ	PV	c-Si	Under Development	Private			15
K Road Solar	Calico Solar Project 1		San Bernardino County	CA	PV	c-Si	Under Development	Public	2009		618
K Road Solar	Moapa Solar Project	Los Angeles Department of Water & Power	Clark County	NV	PV	c-Si	Under Development	Public			350
Lincoln Renewable Energy	NI Cedar Solar Plant		Manning Township	NJ	PV	c-Si	Under Development	Private			10
Lincoln Renewable Energy			Alamosa County	CO	PV	c-Si	Under Development				37
Lincoln Renewable Energy	Marathon Solar Project	Southern California Edison	San Bernardino County	CA	PV	c-Si	Under Development	Private	Nov-12		25
Lincoln Renewable Energy	Agincourt Solar Project	Southern California Edison	San Bernardino County	CA	PV	c-Si	Under Development	Private	Nov-12		13
LS Power	Arlington Valley Solar Project		Arlington	AZ	PV	c-Si	Under Development	Private	2008		125
Matinee Energy			Dragon	AZ	PV	c-Si	Under Development	Private			150
Matinee Energy			Cochise	AZ	PV	c-Si	Under Development	Private			25
MMR Power Solutions	Mt. Signal Solar	SDG&E	Imperial Valley	CA	CSP	Parabolic Trough	Under Development				49
Mojave Sun Power	Hualapai Valley Solar Project		Mojave County	AZ	CSP	Parabolic Trough	Under Development				340
National Solar Power	Gadsden Solar Farm	Progress Energy Florida	Gadsden County	FL	PV	c-Si	Under Development	Private	Sep-11		400
National Solar Power	Hardee Solar Farm	Progress Energy Florida	Hardee	FL	PV	c-Si	Under Development	Private	Nov-11		200
National Solar Power	Liberty County Solar Farm	Progress Energy Florida	Liberty	FL	PV	c-Si	Under Development	Private	Jan-12		100
Needle Mountain Power LLC	Sterling Project		Lake Havasu City	CA	PV	c-Si	Under Development	Private			1,200
New Harvest Ventures/Agile Energy	Turning Point Solar	American Electric Power	Cumberland	OH	PV	c-Si	Under Development	Private			50
NextEra Energy Resources	Sonoran Solar Energy Project		Maricopa County	AZ	PV	c-Si	Under Development	Public	2007		300
NextEra Energy Resources	McCoys Solar Energy Center		Riverside County	CA	PV	c-Si	Under Development	Public			750
NextEra Energy Resources	Mountain View Solar	NV Energy	Clark County	NV	PV	c-Si	Under Development	Private			8
NextEra Energy Resources	Blythe Solar Power Project: Phase I	Southern California Edison	Blythe	CA	PV	c-Si	Under Development	Public	2009		486
NextSun Energy			Bellingham	MA	PV	c-Si	Under Development	Private			4
North Star Solar	North Star Power 1	Pacific Gas & Electric	Mendota	CA	PV	c-Si	Under Development	Private			60
Northlight Power		San Diego Gas & Electric	San Diego County	CA	PV	c-Si	Under Development				7
NRG Energy	Wharton Generating Station	City of Houston	Houston	TX	PV	c-Si	Under Development	Private	Apr-13		10
NRG Solar	Imperial Irrigation Campus Solar	Imperial Irrigation District	Brawley	CA	PV	c-Si	Under Development	Private	April-2013		5
NxGen Power LLC	Neuse River Wastewater Treatment Plant Solar Array II	Progress Energy Carolinas	Raleigh	NC	PV	c-Si	Under Development	Private	Mar-12		5
OCL Solar Power	Alamo Solar Farm	CPS Energy	San Antonio	TX	PV	c-Si	Under Development	Private	Jan-12		359
OH Industrial	Picture Rocks Solar Farm		Picture Rocks	AZ	PV	c-Si	Under Development	Private	Nov-12		200
OPPE U.S. Corporation			West Sacramento	CA	PV	c-Si	Under Development	Public	2010		20
Ormat		Imperial Irrigation District	Imperial Valley	CA	PV	c-Si	Under Development	Private			10
Pacific Blue Energy Corporation	Sunshine Solar Farm		Coconino County	AZ	PV	c-Si	Under Development	Private			20
Pacific Solar Investments Inc.	Amargosa North Solar Project		Nye County	NV	PV	Thin-film	Under Development	Public			150
Pegasus Energy Partners	Mountain House Solar Farm		Alameda County	CA	PV	c-Si	Under Development	Private	Apr-11		400
Power Partners Mastec	True North Solar Farm		Salisbury	MA	PV	c-Si	Under Development	Private			5
PowerWorks	Kauai Solar Project	Kauai's Island Utility Cooperative	Kauai	HI	PV	c-Si	Under Development	Private			12
PPL Renewable Energy	Warren County Project	PPL Renewable Energy	Warren County	NJ	PV	c-Si	Under Development				5
REC Solar	Anahola Solar Energy Project	Kauai's Island Utility Cooperative	Kauai	HI	PV	c-Si	Under Development	Private	Feb-12		12
Recurrent Energy			Kern County	CA	PV	c-Si	Under Development	Private			22
Recurrent Energy		Southern California Edison	Kern County	CA	PV	c-Si	Under Development	Private			22
Recurrent Energy		Southern California Edison	Kern County	CA	PV	c-Si	Under Development	Private			6
Recurrent Energy	RE Hassayampa 1		Maricopa	AZ	PV	c-Si	Under Development	Private			20
Recurrent Energy	RE Gillespie 1		Maricopa	AZ	PV	c-Si	Under Development	Private			20
Scatec Solar	Redhills Renewable Energy Park		Iron County	UT	PV	c-Si	Under Development	Private	2011		100
Scatec Solar	Westside Solar Ranch		Stanislaus County	CA	PV	c-Si	Under Development	Private	2011		50
Scatec Solar			Oahu	HI	PV	c-Si	Under Development	Public	2011		6
SDG&E	Ocotillo Sol	San Diego Gas & Electric	Imperial Valley	CA	PV	c-Si	Under Development	Public	Jan-12		14
Seashore Solar			Egg Harbor	NJ	PV	c-Si	Under Development	Private	Jan-11		11
SECP/POSCO Power			Boulder City	NV	PV	c-Si	Under Development	Private	2011		300
Sempre Generation	Rosamond Solar		Rosamond	CA	PV	c-Si	Under Development	Private	2010		300
SEPV 1, LLC		Southern California Edison	Palmdale	CA	PV	c-Si	Under Development	Private			2
SEPV 2, LLC		Southern California Edison	Twentynine Palms	CA	PV	c-Si	Under Development	Private			2
Silicon Ranch	Social Circle Solar Farm	Georgia Power	Social Circle	GA	PV	c-Si	Under Development	Private	Jan-12		30
Silverado Power		San Diego Gas & Electric	San Diego County	CA	PV	c-Si	Under Development	Private	Apr-13		20
Silverado Power	Estancia Solar Farm	PNM	Estancia	NM	PV	c-Si	Under Development	Private	11-Oct		50
Silverado Power	Western Antelope Dry Ranch	San Diego Gas & Electric	Lancaster	CA	PV	c-Si	Under Development	Private	Apr-12		10
Silverado Power	Central Antelope Dry Ranch		Lancaster	CA	PV	c-Si	Under Development	Private			52
Silverado Power	Victor Mesa Linda B Solar Project	San Diego Gas & Electric	Victorville	CA	PV	c-Si	Under Development	Private	Apr-12		5
Silverado Power	Expressway B	Southern California Edison	Victorville	CA	PV	c-Si	Under Development	Private	Apr-12		2
Silverado Power	Expressway A	Southern California Edison	Victorville	CA	PV	c-Si	Under Development	Private	Apr-12		2
Silverado Power	Victor Mesa Linda A Solar Project	Southern California Edison	Victorville	CA	PV	c-Si	Under Development	Private	Apr-12		2
Silverado Power	Western Antelope Blue Sky A	Pacific Gas & Electric	Lancaster	CA	PV	c-Si	Under Development	Private	Apr-12		20
Sith Global Power	Toquop Energy Project		Mesquite	NV	PV	c-Si	Under Development	Private	initially 2003, but solar aspect 2010		100
Smart Energy Capital/Jacoby Development	Azalea Solar Facility	Cobb EMC	Washington	GA	PV	c-Si	Under Development	Private	Apr-12		10
Soitec	Desert Green Solar Farm	San Diego Gas & Electric	Borrego Springs	CA	PV	CPV	Under Development	Private	Aug-10		7
Soitec	LanEast Solar Farm	San Diego Gas & Electric	Boulevard	CA	PV	CPV	Under Development	Private	Jun-10		22
Soitec	LanWest Solar Farm	San Diego Gas & Electric	Boulevard	CA	PV	CPV	Under Development	Private	Jul-10		7
Soitec	Rugged Solar Farm	San Diego Gas & Electric	Boulevard	CA	PV	CPV	Under Development	Private	Sep-10		80
Soitec	Tierra Del Sol Solar Farm	San Diego Gas & Electric	Borrego Springs	CA	PV	CPV	Under Development	Private	Oct-10		45
Soltec Solar Development		San Diego Gas & Electric	San Diego County	CA	PV	CPV	Under Development	Private	Apr-11		30
Soil Orchard LLC		San Diego Gas & Electric	San Diego County	CA	PV	CPV	Under Development	Private	Apr-11		50
Solar Etes Solutions	San Luis Solar	Arizona Public Service	San Luis	AZ	PV	c-Si	Under Development	Public (State Owned)	Dec-12		20
Solar Energy Initiatives Inc.	California Solar Park			CA	PV	c-Si	Under Development	Private			100
Solar Energy Initiatives Inc.	West Texas Solar Park		TX	PV	c-Si	Under Development	Private				300
Solar Land Partners	Charca		Wasco	CA	PV	c-Si	Under Development	Private			5
Solar Land Partners	Wasco		Wasco	CA	PV	c-Si	Under Development	Private			3
Solar Power Inc.			Rio Linda	CA	PV	c-Si	Under Development	Private			10
SolarCity	Grove Farm	Kauai's Island Utility Cooperative	Kauai	HI	PV	c-Si	Under Development	Private			14
SolarFlair	Charlton Solar Farm	National Grid	Charlton	MA	PV	c-Si	Under Development	Private			2
SolarGen Energy	Panoche Valley Solar Farm		San Benito County	CA	PV	c-Si	Under Development	Private			420
SolarHybrid	Amargosa Farm Road Solar Energy Project 1	NV Energy	Nye County	NV	PV	c-Si	Under Development	Public	2007		242
SolarHybrid	Amargosa Farm Road Solar Energy Project 2	NV Energy	Nye County	NV	PV	c-Si	Under Development	Public	2007		242
SolarHybrid	Ridgcrest		Kern County	CA	PV	c-Si	Under Development	Public			250
SolarReserve	Quartzsite Solar Energy Project		La Paz County	AZ	CSP	Power Tower	Under Development	Public			100
SolarReserve	Rice Solar Energy Project	Pacific Gas & Electric	Riverside County	CA	CSP	Power Tower	Under Development	Private	2009		150
SolarReserve	Crossroads Solar Energy Project		Gila Bend	AZ	CSP	Power Tower	Under Development	Private	2011		150
SolarReserve	Crossroads Solar Energy Project		Gila Bend	AZ	PV	c-Si	Under Development	Private	2011		65
SolarReserve	Saguache Solar Energy Project		Saguache County	CO	CSP	Power Tower	Under Development	Private			200
SolarVision	Yellow Springs Solar Array	Yellow Springs Township	Yellow Springs	OH	PV	c-Si	Under Development	Private			3
Solutions for Utilities		Southern California Edison	Newberry	CA	PV	c-Si	Under Development				8
Southwest Solar	SolarCAT Pilot Plant			AZ	CSP	Dish-engine	Under Development	Private			10
Strata Solar	Duplin Solar Project		Duplin	NC	PV	c-Si	Under Development	Private	Feb-13		100
SunEdison	North Lake 1	Riverside Public Utilities	Riverside	CA	PV	c-Si	Under Development				20
SunEdison	Charles M. Schulz-Sonoma County Airport Solar Farm	Sonoma County Water Agency	Sonoma	CA	PV	c-Si	Under Development		Jan-13		75
SunEdison	Regulus Solar	Southern California Edison	Kern County	CA	PV	c-Si	Under Development	Private			20
SunEdison		Southern California Edison	Los Angeles County	CA	PV	c-Si	Under Development	Private			25
SunEdison	Antelope Solar Farm	Southern California Edison	Lancaster County	CA	PV	c-Si	Under Development	Private			20
SunEdison	Adobe Solar	Southern California Edison	Kern County	CA	PV	c-Si	Under Development	Private			20
SunEdison		California State Universities		CA	PV	Thin-film	Under Development	Public			8



Utility-Scale Solar Projects in the United States
Operating, Under Construction, or Under Development
 Updated May 9, 2013

Developer	Project Name	Electricity Purchaser	City/County	State	PV/CSP	Technology	Status	Land Type	Date Announced	Online Date	Capacity
SunEdison	North Lake 1	Riverside Public Utilities	Riverside	CA	PV	c-Si	Under Development	Private	Nov-12		20
SunEdison	Orion Solar	Pacific Gas & Electric	Kern County	CA	PV	c-Si	Under Development	Private			20
SunEdison	Mojave Solar	Southern California Edison	Kern County	CA	PV	c-Si	Under Development	Private			20
SunEdison	Georgetown Solar Farm	Delaware Electric	Georgetown	DE	PV	c-Si	Under Development	Private	Jan-13		3
Sunergy World	Boise Airport Solar		Boise	ID	PV	c-Si	Under Development	Public			10
SunPower	Quinto	Southern California Edison	Los Banos	CA	PV	c-Si	Under Development	Private			110
Sunrise Energy Ventures		Indianapolis Power and Light		IN	PV	Thin-film	Under Development	Private	Jul-12		10
Sunrise Energy Ventures		Indianapolis Power and Light		IN	PV	Thin-film	Under Development	Private	Aug-12		10
Sunrise Energy Ventures		Indianapolis Power and Light		IN	PV	Thin-film	Under Development	Private	Sep-12		10
SunWorks Solar Systems			Central Fla.	FL	PV	c-Si	Under Development				2
Sustainable Energy Capital Partners		Southern California Edison	Santa Ana	CA	PV	Thin-film	Under Development				20
Syncrpha Capital			Easthampton	NJ	PV	c-Si	Under Development	Private			3
Teanaway Solar Reserve LLC	Teanaway Solar Reserve		Cle Elum	WA	PV	c-Si	Under Development	Private			75
Tenaska	Imperial Solar Energy Center West	San Diego Gas & Electric	Imperial County	CA	PV	CPV	Under Development	Private	Mar-11		150
Tenaska	Silverleaf		Imperial Valley	CA	PV	c-Si	Under Development	Private			160
TenK Energy		Ashburnham Municipal Light Plant	Ashburnham	MA	PV	c-Si	Under Development	Private			3
Tucson Electric Power	Bright Tucson	Tucson Electric Power	Tucson	AZ	PV	c-Si	Under Development	Private	Sep-09		2
Tuusso Energy	Antelope Project	Southern California Edison	Lancaster	CA	PV		Under Development				20
Tuusso Energy	West Antelope Project	Pacific Gas & Electric	Lancaster	CA	PV		Under Development				20
Vidler Water Co.	Fish Springs Solar Ranch		Washoe County	NV	PV	c-Si	Under Development	Private			750
Wanxiang America/New Generation Power	Rockford Solar Project	Ameren Illinois	Rockford	IL	PV	c-Si	Under Development	Private			60
Western Massachusetts Electric Co.		Western Massachusetts Electric Company	Springfield	MA	PV	c-Si	Under Development	Private			4
Western Wind	Yabucoa Solar Project	Puerto Rico Electric Power Authority	Yabucoa	PR	PV	c-Si	Under Development	Public	Mar-11		30
Westside Holdings	Westlands Solar Park		Kings County	CA	PV	c-Si	Under Development				2,700
Westwood Renewables		Dairyland Power Cooperative	Olmsted County	MN	PV	c-Si	Under Development		2010?		2
		Los Angeles Department of Water & Power	Owens Lake	CA	PV	c-Si	Under Development	Private	2010		10
	Aloha Solar Energy Project		Desert Hot Springs	CA	PV	c-Si	Under Development	Private	2012		3
	Solar 1	Arizona Public Service	Tonopah	AZ	PV	c-Si	Under Development	Private			15