

APPENDIX B | UTILITY-SCALE SOLAR PROJECTS IN CALIFORNIA

Utility-Scale Projects in California								
Developer	Project Name	Electricity Purchaser	Location	Land Type	Technology	Phase	Online Date	Capacity (MW)
<i>Concentrating Solar Power (including Concentrating Photovoltaics)</i>								
Ausra	Kimberlina	California's wholesale market	Bakersfield		Linear Fresnel	Operation	2008	5
esolar	Sierra Sun Tower	Southern California Edison	Angelope Valley, CA		Tower	Operation	2009	5
Luz	Solar Energy Generating Systems (SEGS) I	Southern California Edison	Daggett		Trough	Operation	1985	14
Luz	Solar Energy Generating Systems (SEGS) II	Southern California Edison	Daggett		Trough	Operation	1986	30
Luz	Solar Energy Generating Systems (SEGS) III	Southern California Edison	Kramer Junction		Trough	Operation	1987	30
Luz	Solar Energy Generating Systems (SEGS) IV	Southern California Edison	Kramer Junction		Trough	Operation	1988	30
Luz	Solar Energy Generating Systems (SEGS) V	Southern California Edison	Kramer Junction		Trough	Operation	1989	30
Luz	Solar Energy Generating Systems (SEGS) VI	Southern California Edison	Kramer Junction		Trough	Operation	1989	30
Luz	Solar Energy Generating Systems (SEGS) VII	Southern California Edison	Kramer Junction		Trough	Operation	1990	80
Luz	Solar Energy Generating Systems (SEGS) IX	Southern California Edison	Kramer Junction		Trough	Operation	1991	80
GreenVolts, Inc.	GV1	Pacific Gas & Electric	Byron		CPV	Construction		2
Abengoa Solar	Mojave Solar	Pacific Gas & Electric	San Bernadino County		Trough	Development		250
Acciona Solar Power	Ft. Irwin Solar Power Project	U.S. Army/surrounding utilities	Ft. Irwin		Trough	Development		980
BrightSource Energy	Ivanpah Solar Electric Generating System (SEGS) I	Pacific Gas & Electric	Barstow		Tower	Development		126
BrightSource Energy	Ivanpah Solar Electric Generating System (SEGS) II	Southern California Edison	Barstow		Tower	Development		133
BrightSource Energy	Ivanpah Solar Electric Generating System (SEGS) III	Pacific Gas & Electric	Barstow		Tower	Development		133
eSolar	Gaskell Sun Tower (Phase I)	Southern California Edison	Kern County		Tower	Development		105
eSolar	Gaskell Sun Tower (Phase II)	Southern California Edison	Kern County		Tower	Development		140
eSolar	Alpine SunTower	Pacific Gas & Electric	Lancaster		Tower	Development		92
Harper Lake, LLC	Harper Lake Solar Plant				Trough	Development		250
Inland Energy, Inc.	Palmdale Hybrid Gas-Solar		Palmdale		Trough	Development		50
Inland Energy, Inc.	Victorville Hybrid Gas-Solar		Victorville		Trough	Development		50
NextEra Energy Resources	Beacon Solar Energy Project		Kern County		Trough	Development		250
NextEra Energy Resources	Genesis Solar Energy Project	Pacific Gas & Electric	Riverside County		Trough	Development		250
San Joaquin Solar, LLC	San Joaquin Solar 1	Pacific Gas & Electric	Coalinga		Trough	Development		53
San Joaquin Solar, LLC	San Joaquin Solar 2	Pacific Gas & Electric	Coalinga		Trough	Development		53
SkyFuel	SkyTrough demonstration	Southern California Edison	Daggett		Trough	Development		43
Solar Millennium	Blythe Solar Power Project	Southern California Edison	Blythe		Trough	Development		1000
Solar Millennium	Ridgecrest Solar Power Project	Southern California Edison	Ridgecrest		Trough	Development		250
Solar Millennium	Palen Solar Power Project	Southern California Edison	Desert Center		Trough	Development		250
SolarReserve	Rice Solar Energy Project	Pacific Gas & Electric	Riverside County		Tower	Development		150
Solel	Mojave Solar Park	Pacific Gas & Electric	Mojave Desert		Trough	Development		553
Tessera Solar	SES Solar One	Southern California Edison	Victorville		Dish-engine	Development		850
Tessera Solar	SES Solar Two	San Diego Gas & Electric	Imperial County		Dish-engine	Development		750
Tessera Solar	SES Solar Three		Imperial County		Dish-engine	Development		550

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<i>Photovoltaics (excluding Concentrating Photovoltaics)</i>								
First Solar	FSE	Southern California Edison	Blythe		Thin-film	Operation	2009	21
Cleantech America, Inc.	CalRENEW-1	Pacific Gas & Electric	Mendota		Thin-film	Construction		5
Acciona Solar Power	Ft. Irwin Solar Power Project	U.S. Army/surrounding utilities	Ft. Irwin		PV	Development		20
C.F. Properties			Barstow		PV	Development		19
Chevron Energy Solutions	Lucerne Valley Solar Project	Southern California Edison	San Bernadino County		Thin-film	Development		45
Clear Skies Solar, Inc.			Cantil		PV	Development		6
First Solar	Topaz Solar Farm	Pacific Gas & Electric	Carissa Plains		Thin-film	Development		550
First Solar	Desert Sunlight	Pacific Gas & Electric	Desert Center		Thin-film	Development		300
First Solar	Desert Sunlight	Southern California Edison	Desert Center		Thin-film	Development		250
Fotowatio Renewable Ventures		U.S. Air Force	Lancaster		PV	Development		500
Needle Mountain Power, LLC	Sterling Promect		Lake Havasu City		PV	Development		1200
PowerWorks	Golden Hills		Alameda County		PV	Development		70
Recurrent Energy		Southern California Edison	Kern County		PV	Development		6
Recurrent Energy		Southern California Edison	Kern County		PV	Development		22
Recurrent Energy		Southern California Edison	San Bernadino County		PV	Development		22
Recurrent Energy	San Francisco Sunset Reservoir Solar Project	San Francisco Public Utilities Commission	San Francisco		PV	Development		5
Solar Energy Initiatives, Inc.	California Solar Park				PV	Development		100
Solargen Energy			San Benito County		PV	Development		420
Solar Project Solutions		Pacific Gas & Electric	Tulare County		PV	Development		20
Solar Project Solutions		Pacific Gas & Electric	Tulare County		PV	Development		20
Solar Project Solutions		Pacific Gas & Electric	Tulare County		PV	Development		20
Solar Project Solutions		Pacific Gas & Electric	Kings County		PV	Development		20
Solar Project Solutions		Pacific Gas & Electric	Tulare County		PV	Development		50
Solon Corporation	PG&E Solon Project	Pacific Gas & Electric			PV	Development		2
SunEdison		California State Universities			Thin-film	Development		8
SunPower	California Valley Solar Range	Pacific Gas & Electric	San Luis Obispo County		PV	Development		250
		Los Angeles Department of Water & Power	Owens Lake		PV	Development		10