

Solar Power Plants

Operational or Announced as of August 18, 2008

Developer	Project Name	Electricity Purchaser	Location	Technology	Capacity (MW)	Status
Solel	Solar Energy Generating Systems (SEGS)	Southern California Edison	Kramer Junction/Harper Lake, CA	Trough	354	Operational
Solargenix	Saguaro Solar Power Plant	Arizona Public Service	Red Rock, AZ	Trough	1	Operational
Acciona	Nevada Solar One	Nevada Power Co., Sierra Pacific Power Co.	Boulder City, NV	Trough	64	Operational
First Solar/Sempra Generation	El Dorado Energy Solar Project		Boulder City, NV	Thin-film PV	10	Construction
Abengoa Solar	Solana plant	Arizona Public Service	Gila Bend, AZ	Trough	280	Development
Ausra	Carrizo Energy Farm	Pacific Gas & Electric	San Luis Obispo County, CA	Linear Fresnel	177	Development
Ausra		Florida Power & Light	Florida	Linear Fresnel	300	Development
BrightSource Energy	Ivanpah 1	Pacific Gas & Electric	Barstow, CA	Tower	100	Development
BrightSource Energy	Ivanpah 2	Pacific Gas & Electric	Barstow, CA	Tower	100	Development
BrightSource Energy	Ivanpah 3	Pacific Gas & Electric	Barstow, CA	Tower	200	Development
Emcore/SunPeak Power				Lens CPV	200	Development
eSolar, Idealab		Southern California Edison	Antelope Valley, CA	Tower	245	Development
First Solar		Southern California Edison		Thin-film PV	7.5	Development
Florida Power & Light Co.	Martin Next Generation Solar Energy Center	Florida Power & Light Co.	Martin County, FL	Trough	75	Development
Florida Power & Light Co.	DeSoto Next Generation Solar Energy Center	Florida Power & Light Co.	DeSoto County, FL	PV	25	Development
Florida Power & Light Co.	Space Coast Next Generation Solar Energy Center	Florida Power & Light Co.	Kennedy Space Center	PV	10	Development
FPL Energy	Beacon		Kern County, CA	Trough	250	Development
Harper Lake, LLC	Harper Lake Solar Plant			Trough	250	Development
Inland Energy, Inc.	Palmdale Hybrid Gas-Solar plant		Palmdale, CA	Trough	50	Development
Inland Energy, Inc.	Victorville Hybrid Gas-Solar plant		Victorville, CA	Trough	50	Development
OptiSolar	Topaz Solar Farm	Pacific Gas & Electric	Carrisa Plains, CA	Thin-film PV	550	Development
San Joaquin Solar, LLC		Pacific Gas & Electric	Coalinga, CA	Trough	53.4	Development
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Solel	Mojave Solar Park	Pacific Gas & Electric	Mojave Desert, CA	Trough	553	Development
Sopogy	Demonstration plant		Kailua-Kona, HI	MicroCSP	1	Development
Stirling Energy Systems	Stirling Solar Thermal One	Southern California Edison	Victorville, CA	Dish-engine	500	Development
Stirling Energy Systems	Stirling Solar Thermal One Expansion	Southern California Edison	Victorville, CA	Dish-engine	350	Development
Stirling Energy Systems	SES Solar Two	San Diego Gas & Electric	Imperial County, CA	Dish-engine	300	Development
Stirling Energy Systems	SES Solar Two Phase 2	San Diego Gas & Electric	Imperial County, CA	Dish-engine	450	Development
SunPower	California Valley Solar Ranch	Pacific Gas & Electric	San Luis Obispo county, CA	PV	250	Development
TOTAL MW UNDER DEVELOPMENT					5,390	

Source: Prometheus Institute, SEIA

Development Phase

Construction Phase

Operational