

Company	HQ/Company origins	City	State	Current Capacity (MW)	Type	Status	Expansion status	Address
AMPS Solar USA (previously Sinotec)	USA	City of Industry	California	600	Silicon	Producing		17055 Gale Ave, City of Industry, CA 91745
Auxin Solar (OEM)*	USA	San Jose	California	150	Silicon	Unknown		6835 Via Del Oro, San Jose, CA 95119
Bila Solar	USA	Indianapolis	Indiana	1,000	Silicon	Ramping to full capacity		1249 White River Pkwy E Dr., Indianapolis, IN 46225
Canadian Solar	Canada/China	Mesquite	Texas	5,000	Silicon	Ramping to full capacity		3000 Skyline Dr, Mesquite, TX 75149
Crossroads Solar	USA	South Bend	Indiana	30	Silicon	Producing		1901 N Bendix Dr, South Bend, IN 46628
First Solar 1	USA	Perrysburg	Ohio	600	CdTe thin-film	Producing		28101 Cedar Park Blvd, Perrysburg, OH 43551
First Solar 2	USA	Lake Township	Ohio	3,300	CdTe thin-film	Producing		28380 Tracy Rd, Walbridge, OH 43465
First Solar 3	USA	Lake Township	Ohio	3,300	CdTe thin-film	Producing		28380 Tracy Rd, Walbridge, OH 43465
First Solar 4	USA	Trinity	Alabama	3,500	CdTe thin-film	Ramping to full capacity		1 First Solar Way, Trinity, AL 35673
GAF Energy 1	USA	San Jose	California	50	Silicon (solar shingles)	Producing		5981 Optical Ct, San Jose, CA 95138
GAF Energy 2	USA	Georgetown	Texas	250	Silicon (solar shingles)	Producing		110 SE Inner Loop, Georgetown, TX 78626
Heliene 1	Canada	Mountain Iron	Minnesota	300	Silicon	Producing		8787 Silicon Way, Mountain Iron, MN 55768
Heliene 2	Canada	Mountain Iron	Minnesota	500	Silicon	Producing		8787 Silicon Way, Mountain Iron, MN 55768
Hounen Solar (OEM)*	China	Orangeburg	South Carolina	1,000	Silicon	Producing		145 Millenium Dr, Orangeburg, SC 29115
Illuminate USA (LONGi)	China	Pataskala	Ohio	5,000	Silicon	Ramping to full capacity		3600 Etna Pkwy, Etna, OH 43062
Imperial Star Solar	China/Cambodia	Tomball	Texas	2,000	Silicon	Ramping to full capacity		19200 Hamish Rd, Tomball, TX 77377
JinkoSolar	China	Jacksonville	Florida	400	Silicon	Producing	Expansion underway, planning to reach 2 GW	4660 POW-MIA Memorial Pkwy, Jacksonville, FL, 32099
Meyer Burger	Switzerland	Goodyear	Arizona	1,400	Silicon	Ramping to full capacity		1685 S Litchfield Rd, Goodyear, AZ 85338
Mission Solar	USA	San Antonio	Texas	500	Silicon	Producing		8303 S New Braunfels Ave, San Antonio, TX 78235
Qcells 1	South Korea	Dalton	Georgia	1,700	Silicon	Producing		300 Nexus Dr, Dalton, GA 30721
Qcells 2	South Korea	Dalton	Georgia	1,400	Silicon	Producing		300 Nexus Dr, Dalton, GA 30721
Qcells 3	South Korea	Dalton	Georgia	2,000	Silicon	Producing		300 Nexus Dr, Dalton, GA 30721

Qcells 4	South Korea	Cartersville	Georgia	3,300	Silicon	Ramping to full capacity		251 Great Valley Pkwy, White, GA 30184
Runergy	China	Huntsville	Alabama	2,000	Silicon	Ramping to full capacity		4905 Moores Mill Rd, Huntsville, AL 35811
SEG Solar	USA	Houston	Texas	2,000	Silicon	Ramping to full capacity		10625 Telge Road, Houston, TX 77095
Silfab Solar	Canada	Burlington	Washington	1,100	Silicon	Producing		1770 Port Dr, Burlington, WA 98233
Sirius PV (Elin Energy)	Turkey	Brookshire	Texas	2,000	Silicon	Ramping to full capacity		2270 Twinwood Pkwy, Brookshire, TX 77423
Solar4America	USA	Sacramento	California	1,300	Silicon	Producing		4801 Urbani Ave, McClellan Park, CA 95652
SunSpark/SolarMax (OEM)*	USA	Riverside	California	250	Silicon	Producing		3080 12th St, Riverside, CA 92507
SunTegra	USA	Binghamton	New York	10	Silicon (solar shingles)	Producing		27 Link Dr, Binghamton, NY 13904
T1 Energy (Trina Solar)	USA/China	Wilmer	Texas	5,000	Silicon	Ramping to full capacity		1200 N Sunrise Road, Wilmer, TX 75134
Waaree	India	Brookshire	Texas	3,000	Silicon	Ramping to full capacity		2439 Discovery Hills Parkway, Brookshire, TX 77423
Data collected by Solar Power World								

Company	HQ/Company origins	City	State	Expected Capacity (MW)	Type	General Status	Status	Expected start date	Address
Boviet Solar	Vietnam	Greenville	North Carolina	2,000	Silicon	Announced	Building chosen	2025	1125 Sugg Pkwy, Greenville, NC 27834
CIG Solar Manufacturing (CSM/US Modules)	USA	College Station	Texas	1,200	Silicon	Announced	Unknown	2025	5907 Matrix Drive College Station, TX 77845
First Solar 5	USA	New Iberia	Louisiana	3,500	CdTe thin-film	Under construction	New-build under construction	2025	Near Acadiana Regional Airport: 1404 Hangar Dr, New Iberia, LA 70560
Heliene 3	Canada	Rogers	Minnesota	550	Silicon	Announced	Building chosen	Unknown	13225 Brockton Ln, Rogers, MN 55374
JA Solar	China	Phoenix	Arizona	2,000	Silicon	Under construction	New-build under construction	mid-2025	1975 S. 99th Avenue, Phoenix, AZ 85353
Maxeon Solar Technologies	Singapore	Albuquerque	New Mexico	2,000	Silicon	Announced	Building chosen	2026	
NE Solar (Paluo Solar Energy)	Cambodia	Phoenix	Arizona	2,000	Silicon	Under Construction	Unknown	2025	3431 S Crismon Road Mesa, AZ, 85212
NuVision Solar	USA	Riviera Beach	Florida	2,500	Silicon	Unknown	Building chosen	Unknown	West Palm Beach, FL
ReCreate (Recom)	Italy	Portland	Tennessee	5,000	Silicon	Announced	Building chosen	mid-2025	102 Western Drive, Portland TN 37148
Silfab Solar	Canada	Fort Mill	South Carolina	1,300	Silicon	Announced	Building chosen	2025	7149 Logistics Ln Fort Mill, SC 29715
Solar4America	USA	Sumter	South Carolina	1,500	Silicon	Announced	Unknown	Unknown	1160 Clipper Rd. Sumter, SC 29154
Solarix	USA	Forest	Virginia	1,200	Silicon	Announced	Building chosen	end-2025	2150 Perrowville Rd, Forest, VA 24551
Solx (OEM)*	USA	Aguadilla	Puerto Rico	1,200	Silicon	Announced	Building chosen	mid-2025	Highway 110 N KM 5.1, Aguadilla, 00690, PR
Toyo/VSun	Japan	Humble	Texas	2,500	Silicon	Announced	Building chosen	mid-2025	6115 Greens Rd Humble, TX 77396

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Company	OEM	City	State	Type
Axitec	Hounen Solar	Orangeburg	South Carolina	Silicon
C&D Clean Energy	Hounen Solar	Orangeburg	South Carolina	Silicon
Phono Solar	Hounen Solar	Orangeburg	South Carolina	Silicon
Thornova Solar	Hounen Solar	Orangeburg	South Carolina	Silicon
<i>Data collected by Solar Power World</i>				

Company	City	State	Current Capacity (MW)	Expected Capacity (MW)	Silicon Product Type				General Status	Status	Expected start date	Address
					Poly-silicon	Ingot	Wafer	Cell				
Hemlock	Hemlock	Michigan			x				Producing	Unknown how much polysilicon is being produced for solar	Running	12334 Geddes Rd, Hemlock, MI 48626
Highland Materials	Surgoinsville	Tennessee			x				Under construction	Unknown; received IRA funding	2027	914 Phipps Bend Rd. Surgoinsville, TN 37873
REC Silicon	Moses Lake	Washington			x				Shut-down	Plant shut-down	Closed	3322 Rd N-NE, Moses Lake, WA 98837
Wacker	Charleston	Tennessee			x				Producing	Unknown how much polysilicon is being produced for solar	Running	553 NW Wacker Blvd, Charleston, TN 37310
Boviet Solar	Greenville	North Carolina		2,000				x	Announced	Ground broken	2026	1125 Sugg Pkwy, Greenville, NC 27834
Canadian Solar	Jeffersonville	Indiana		5,000				x	Announced	New-build under construction	2025	300 Corporate Dr Suite 300, Jeffersonville, IN 47130
Ebon Solar	Albuquerque	New Mexico						x	Announced	New-build site chosen	Unknown	Within Mesa del Sol community, Albuquerque, NM 87106
ES Foundry	Greenwood	South Carolina	3,000					x	Ramping	Ramping to full capacity	January 2025	211 Puckett Ferry Road Greenwood, SC, 29649
Hybrid Cell Technology (NuVision Solar)	Riviera	Florida		2,500				x	Unknown	Building chosen	Unknown	West Palm Beach, FL
NorSun	Tulsa	Oklahoma		5,000		x	x		Under Construction	New-build site chosen	2026	Near Tulsa International Airport: 36°11'23.9"N 95°51'58.9"W
OCI/Mission Solar Energy	San Antonio	Texas		2,000				x	Under Construction	Under construction	2026	8303 S New Braunfels Ave, San Antonio, TX 78235
Qcells	Cartersville	Georgia		3,300		x	x	x	Under Construction	Panel lines functioning, cell and wafers still under construction	2025	251 Great Valley Pkwy, White, GA 30184
ReCreate (Recom)	Portland	Tennessee		5,000				x	Announced	May build new building	Unknown	102 Western Drive, Portland TN 37148
Sifab	Fort Mill	South Carolina		1,000				x	Under Construction	Building chosen	2025	7149 Logistics Ln Fort Mill, SC 29715
Solar Technology (Corning)	Hemlock	Michigan				x	x		Announced	Unknown	Unknown	near Geddes Rd, Hemlock, MI 48626
Suniva	Norcross	Georgia	1,000					x	Producing	Ramping to full capacity	Running	5765 Peachtree Industrial Boulevard Norcross, GA 30092
Talon PV		Texas		4,000				x	Under Construction	Unknown	2026	
T1 Energy (Trina Solar)	Austin	Texas		5,000				x	Announced	Construction start 2025	Unknown	Near Alcoa, Texas 76577

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Company	HQ/Company origins	Suggested City	Suggested State	Suggested Capacity (MW)	Type	Announcement source
3SUN (Enel)	USA	Inola	Oklahoma	3,000	Silicon	Plans stalled
Convalt Energy	USA	Watertown	New York	2,300	Silicon	PR
Heliene/Premier Energies	Canada/India		Minnesota	1,000	Silicon cells	Plans on hold
SolarLink	China	North Las Vegas	Nevada	2,000	Silicon	Intersolar
VSK Energy (Vikram Solar)	India	Brighton	Colorado	2,000	Silicon	PR
<i>Data collected by Solar Power World</i>						

Company	Location	Announced Capacity (MW)	Solar Product	Cancellation date	Source
CubicPV	n/a	10,000	Wafers	February 2024	SPW
Meyer Burger	Colorado	2,000	cells	August 2024	SPW
<i>Data collected by Solar Power World</i>					

Company	City	State	Product	Status	Source
Amphenol	Mesa	Arizona	Junction Boxes	Producing	SPW
Canadian Premium Sand			Glass	Under consideration	SPW
CZT Energy USA	Sealy	Texas	Aluminum frames	Producing	SPW
Endurans Solar	Nashua	New Hampshire	Backsheets	Producing	SPW
H.B. Fuller	Bellevue	Ohio	EVA sheets	Producing	SPW
Hanwha Advanced Materials	Cartersville	Georgia	EVA sheets	Under construction	SPW
Ice Industries	Bowling Green	Ohio	Back rails	Producing	SPW
Ice Industries	Lacassine	Louisiana	Back rails	2025	SPW
NSG Group	Rossford	Ohio	Glass	Producing	SPW
NSG Group	Luckey	Ohio	Glass	Producing	SPW
Origami Solar		Arkansas, Ohio, Texas	Steel frames	2025	SPW
SolarCycle	Cedartown	Georgia	Glass	Under construction	SPW
Staubli	Windsor	California	Connectors, junction boxes	Producing	SPW
Staubli	Duncan	South Carolina	Connectors, junction boxes	Producing	SPW
Vitro	Cochranton	Pennsylvania	Glass	Under construction	SPW
<i>Data collected by Solar Power World</i>					