Company	Major City	State	Stated Capacity (MW)	Type	Notes	Address
American Panel Solutions (Corning)	Phoenix	Arizona	2,000	Silicon		1975 S. 99th Avenue, Phoenix, AZ 85353
AMPS Solar	Los Angeles	California	1,000	Silicon		8787 Caliente Rd, Hesperia, CA 92344
Auxin Solar	San Jose	California	500	Silicon	Acting as OEM	6835 Via Del Oro, San Jose, CA 95119
Bila Solar	Indianapolis	Indiana	1,000	Silicon		1249 White River Pkwy E Dr., Indianapolis, IN 46225
Boviet Solar	Greenville	North Carolina	3,000	Silicon		1125 Sugg Pkwy, Greenville, NC 27834
Canadian Solar	Dallas	Texas	5,000	Silicon	Plans to increase to 10 GW by end of 2026	3000 Skyline Dr, Mesquite, TX 75149
Crossroads Solar	South Bend	Indiana	30	Silicon		1901 N Bendix Dr, South Bend, IN 46628
First Solar 1	Perrysburg	Ohio	600	CdTe thin-film		28101 Cedar Park Blvd, Perrysburg, OH 43551
First Solar 2	Perrysburg	Ohio	3,300	CdTe thin-film		28380 Tracy Rd, Walbridge, OH 43465
First Solar 3	Perrysburg	Ohio	3,300	CdTe thin-film		28380 Tracy Rd, Walbridge, OH 43465
First Solar 4	Trinity	Alabama	3,500	CdTe thin-film		1 First Solar Way, Trinity, AL 35673
First Solar 5	New Iberia	Louisiana	3,500	CdTe thin-film		1400 Corporate Dr, New Iberia, LA 70560
GAF Energy	Austin	Texas	250	Silicon (solar shingles)		110 SE Inner Loop, Georgetown, TX 78626
Heliene 1 & 2	Mountain Iron	Minnesota	800	Silicon		8787 Silicon Way, Mountain Iron, MN 55768
Heliene 3	Rogers	Minnesota	500	Silicon		13225 Brockton Ln, Rogers, MN 55374
Hounen Solar	Orangeburg	South Carolina	1,000	Silicon		145 Millenium Dr, Orangeburg, SC 29115
Illuminate USA	Columbus	Ohio	5,000	Silicon		3600 Etna Pkwy, Etna, OH 43062
Imperial Star Solar	Houston	Texas	2,000	Silicon		19200 Hamish Rd, Tomball, TX 77377
JinkoSolar	Jacksonville	Florida	2,000	Silicon		4660 POW-MIA Memorial Pkwy, Jacksonville, FL, 32099

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Company	Major City	State	Stated Capacity (MW)	Type	Notes	Address
Mission Solar	San Antonio	Texas	500	Silicon		8303 S New Braunfels Ave, San Antonio, TX 78235
Qcells Dalton	Dalton	Georgia	5,100	Silicon		300 Nexus Dr, Dalton, GA 30721
Qcells Cartersville	Cartersville	Georgia	3,500	Silicon		100 QCells Pkwy, White, GA 30184
Rivulet Energy	Cartersville	Georgia	450	Silicon		425 Industrial Park Rd NE, Cartersville, GA 30121
Runergy	Huntsville	Alabama	2,000	Silicon		4905 Moores Mill Rd, Huntsville, AL 35811
SEG Solar 1	Houston	Texas	2,000	Silicon		10625 Telge Road, Houston, TX 77095
SEG Solar 2	Houston	Texas	4,000	Silicon		20103 Pusok Rd, Tomball, TX 77377
Silfab Solar	Burlington	Washington	1,100	Silicon		1770 Port Dr, Burlington, WA 98233
Silfab Solar	Fort Mill	South Carolina	1,000	Silicon		7149 Logistics Ln Fort Mill, SC 29715
Sirius PV	Houston	Texas	2,000	Silicon		2270 Twinwood Pkwy, Brookshire, TX 77423
Solx	Aguadilla	Puerto Rico	1,200	Silicon	partnership with Caelux perovskite glass	Highway 110 N KM 5.1, Aguadilla, 00690, PR
SunSpark/Sun Pioneer/SolarMax	Riverside	California	250	Silicon	Unknown production status	3080 12th St, Riverside, CA 92507
US Modules (CIG)	College Station	Texas	400	Silicon		5907 Matrix Drive College Station, TX 77845
T1 Energy	Dallas	Texas	5,000	Silicon		1200 N Sunrise Road, Wilmer, TX 75134
Toyo/VSUN	Houston	Texas	2,000	Silicon		6115 Greens Rd Humble, TX 77396
Waaree	Houston	Texas	3,200	Silicon		2439 Discovery Hills Parkway, Brookshire, TX 77423
		Total:	**71,980**	**MW**		

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Company	City	State	Expected Capacity	Type	General Status	Expected start date	Address
AMPS Solar	Hanford	California	2,000	Silicon	Announced	end-2026	10652 Jackson Ave, Hanford, CA 93230
DYCM Power	Livermore	California	1,000	Silicon	Announced	end-2026	
First Solar 6 (Finishing Line)	Gaffney	South Carolina	3,700	CdTe	Announced	end-2026	121 Logistics Drive, Gaffney, SC 29341
Goldi America (previously Solarix)	Forest	Virginia	1,200	Silicon	Announced	Unknown	2150 Perrowville Rd, Forest, VA 24551
Hounen Solar	Charleston	South Carolina	3,000	Silicon	Announced	end 2026	423 Trade Center Parkway, Summerville, SC 29483
MSolar	Mt. Jackson	Virginia	~300	Silicon	Announced	Unknown	6136 Main St, Mt Jackson, VA 22842
Ohio Sunshine	Coshocton	Ohio	2,000	Silicon	Announced	2027	47882 Papermill Rd, Coshocton, OH 43812
NE Solar (Paluo Solar Energy)	Phoenix	Arizona	2,000	Silicon	Starting up	2027?	3265 S Crismon Road Mesa, AZ, 85212
SEG Solar	Houston	Texas	4,600	Silicon	Announced	Q2 2027	near 20103 Pusok Rd, Tomball, TX 77377
Sunpro/Sundigo	Lyerly	Georgia	2,000	Silicon	Unconfirmed	Unconfirmed	5081 GA-114, Lyerly, GA30730
Tandem PV	Fremont	California	40	Silicon-Perovksites	Commercial demonstration	Commercial demonstration	3500 Gateway Boulevard, Fremont, CA 94538
Tesla	Buffalo	New York	300	Silicon	Announced	Unknown	1216 South Park Ave. Buffalo, NY 14220
Translucent Solar	Charleston	South Carolina	1,200	Silicon	Announced	end-2026	175 McQueen Blvd, Summerville, SC 29483
Waaree	Goodyear	Arizona	1,000	Silicon	Hiring in progress	Fall 2026	1685 S. Litchfield Road, Goodyear, AZ

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					Silicon Product Type							
Company	**City**	**State**	**Current Capacity (MW)**	**Expected Capacity (MW)**	***Poly-silicon***	***Ingot***	***Wafer***	***Cell***	**General Status**	**Status**	**Expected start date**	**Address**
Boviet Solar (Inox)	Greenville	North Carolina		3,000				x	Announced	Building shell completed	Unknown	1125 Sugg Pkwy, Greenville, NC 27834
Canadian Solar	Jeffersonville	Indiana	2,100	6,300				x	Producing	Ramping to full capacity	Operational	600 International Dr, Jeffersonville, IN 47130
Corning	Hemlock	Michigan	?			x	x		Producing	Ramping to full capacity	Operational	near Geddes Rd, Hemlock, MI 48626
ES Foundry	Greenwood	South Carolina	3,000					x	Producing	Operational	Operational	211 Puckett Ferry Road Greenwood, SC, 29649
Hemlock	Hemlock	Michigan	20,000 mt		x				Producing	Unknown how much is produced for solar	Operational	12334 Geddes Rd, Hemlock, MI 48626
Highland Materials	Surgoinsville	Tennessee		20,000 mt	x				Under construction	Unknown	2027	914 Phipps Bend Rd. Surgoinsville, TN 37873
Nextnova (Thornova Solar)	Oklahoma City	Oklahoma		2,000				x	Under construction	Announced	March 2027	100 N Mustang Rd, Yukon, OK 73099
OCI/Mission Solar Energy	San Antonio	Texas		2,000				x	Under Construction	Unknown	Unknown	8303 S New Braunfels Ave, San Antonio, TX 78235
Qcells	Cartersville	Georgia		3,500		x	x	x	Under Construction	Cell lines functioning, wafers under construction	2026	100 QCells Pkwy, White, GA 30184
Silfab	Fort Mill	South Carolina		1,000				x	Under Construction	Building outfitted	2026	7149 Logistics Ln Fort Mill, SC 29715
Suniva	Norcross	Georgia	1,000					x	Producing	Operational	Operational	5765 Peachtree Industrial Boulevard Norcross, GA 30092
Suniva	Laurens	South Carolina		4,500				x	Announced	Building chosen	Q2 2027	~300 Hunter Industrial Park Rd, Laurens, SC 29360
T1 Energy	Austin	Texas		2,100				x	Announced	Construction started	2027	Near Alcoa, Texas 76577
Talon PV	Houston	Texas		4,800				x	Under Construction	New-build under construction	2027	Near Baytown, Texas 77522
Toyo/VSUN	Houston	Texas		1,500				x	Announced	New-build under construction	2028	Near 6115 Greens Rd Humble, TX 77396
Wacker	Charleston	Tennessee	20,000 mt		x				Producing	Unknown how much is produced for solar	Operational	553 NW Wacker Blvd, Charleston, TN 37310

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*It is estimated that 2,500 mt of polysilicon produces 1 GW of silicon solar panels.

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