

SOL01: Utility-Scale Solar Manufacturing

Executive Summary | February 01, 2026

Key Performance Indicators

101 GW MANUFACTURING CAPACITY	21.9% MODULE EFFICIENCY	76 GW ORDER BACKLOG
70% US REVENUE SHARE	\$0.11/W AVG SELLING PRICE	171 GW SALES PIPELINE

Strategic Highlights

IRA Impact: US Content ~90% Benefit: Strong tailwind

Stock Performance Summary

Metric	Value	Interpretation
Total Return (10.0Y)	239.2%	Cumulative price appreciation
Annualized Return	13.0%	Geometric mean annual return
Annualized Volatility	50.2%	Standard deviation of returns (annualized)
Sharpe Ratio	0.26	Risk-adjusted return (Rf=0)
Maximum Drawdown	-64.0%	Largest peak-to-trough decline

Data Coverage

Company: First Solar (FSLR)
Analysis Period: 2016-02-03 to 2026-01-30
Total Data Points: 13,760
Data Sources: Yahoo Finance (stock), Company filings (operational metrics)
Focus Area: CdTe thin-film manufacturing and utility-scale deployment

Report prepared by Mboya Jeffers | MboyaJeffers9@gmail.com
Portfolio Sample - Synthetic operational data combined with verified market data
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