



PREPARED FOR

Jordan Miller

PROPERTY

1234 Oakview Lane

DATA THROUGH

September 1, 2026



114% ENERGY PERFORMANCE

Producing above the agricultural-adjusted benchmark

The system has produced 7.62 MWh through September 1, about 14% more than the weather-normalized model for the same point in the year. No production deficit is indicated.

INVERTER AC

5.0 kW

Verified label rating

ESTIMATED ARRAY DC

6.25 kW

5.0 kW x 1.25

2026 YTD ENERGY

7.62 MWh

Monitoring value

PROJECTED 2026

10.21 MWh

Seasonally adjusted

Production comparison

Measured energy is compared with a long-term Escalon weather model using the stated system assumptions.

YTD through September 1



Full-year output



Expected YTD includes January-August plus one average September day. Values rounded for display.

Plain-English finding

Based on the available production record, this solar system is performing well. The annual projection is about 10,200 kWh, compared with an agricultural-adjusted expectation of about 9,000 kWh. A simple day-count projection would be 11,400 kWh, but it overstates the result because summer months produce more energy.

What the grade means

A+ = 100% or more | A = 90-99% | B = 80-89% | C = 70-79% | D = 60-69% | F = below 60%

This is an energy-production grade only. It does not grade roof condition, workmanship, code compliance, electrical safety, warranties, or ownership documents.



System facts and supporting evidence

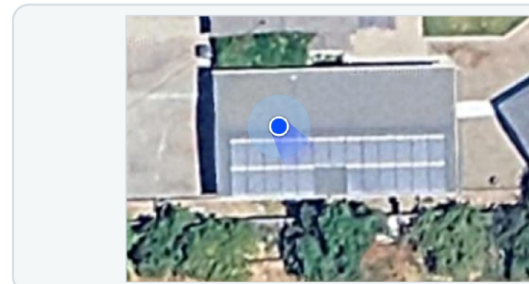
Client-provided images and the September 1 SolarEdge local-status snapshot were reviewed.

System profile

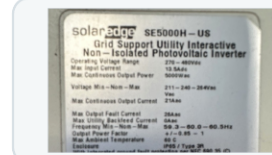
Inverter	SolarEdge SE5000H-US
Rated AC output	5.0 kW
Assumed DC/AC ratio	1.25
Estimated DC capacity	6.25 kW
Modules / optimizers	24 / 24
Estimated module size	about 260 W each
Array orientation	South-facing
Roof pitch	5 degrees
Recorded lifetime energy	49.45 MWh

DC and module values are estimates, not verified nameplate ratings.

Evidence reviewed



Aerial view: low-slope south-facing array; layout aligns with 24 optimizers.



Equipment rating label



Monitoring energy record

Operational snapshot



INVERTER

Producing

1.01 kW at snapshot



OPTIMIZERS

24 of 24

All communicating



MONITORING

Cellular OK

Server status S_OK



ELECTRICAL

No alert shown

241 Vac / 60 Hz

How the performance grade was calculated

6.25 kW DC x Escalon solar model x 5-degree south roof x 17.08% loss allowance

Modeled annual energy: 8,970.69 kWh | Modeled through September 1: 6,697.09 kWh

Seasonal projection: 7,620 kWh / 6,697.09 kWh x 8,970.69 kWh = 10,206.8 kWh

10,206.8 / 8,970.69 = 113.8% = A+

Recommended next steps

1

No production repair indicated

The available energy data does not show an underperforming system.

2

Verify the true DC nameplate

Confirm module model, plans, permit, or interconnection records before a property transaction.

3

Inspect for dust at low tilt

A 5-degree roof sheds agricultural dust poorly; inspect glass and clean only when condition or trend justifies it.

4

Add field inspection for due diligence

Use rooftop visual, electrical, thermal, and roof-flashing checks to assess safety and physical condition.

Method and limitations

PVGIS 5.3 (PVGIS-ERA5, 2005-2023) was modeled at an Escalon weather point with crystalline-silicon modules, rooftop mounting, 5-degree tilt, south azimuth, and 17.08% losses (14.08% base plus a 3-point agricultural-soiling allowance). Weather, outages, shading, clipping, monitoring gaps, and actual equipment size can change results. The soiling allowance is modeled, not measured.