

Solar Health Score Report

SAMPLE - Anonymized for prospective clients

Independent performance check | Commercial & industrial sites

This is a redacted sample of the deliverable SolarMD prepares after a performance check. Names, meters, and exact locations are fictional. Figures illustrate format and depth - not a real facility.

Facility (anonymized)

Regional private hospital - Mindanao, PH

System size (nameplate)

250 kWp rooftop PV | grid-tied

Report date

15 March 2026

Prepared for

Facilities / Finance leadership

62

Solar Health Score / 100

Band: Needs attention | Expected for age/site class: 78-88

Confidence: Medium (incomplete monitoring export; 11 of 14 months of bills)

Plain-English summary

The array is producing, but not at the level the original proposal implied for this climate and load profile. About 18-22% of expected annual yield appears missing versus a weather-adjusted baseline. The gap is large enough to matter on the electricity bill, but it is unlikely to be a total system failure. Most of the shortfall clusters in three areas: string-level underperformance on the west roof, a monitoring portal that stopped reliable daily sync in mid-2025, and inverter clipping during peak sun that the proposal did not model against actual hospital daytime load.

What the evidence shows

Expected vs actual yield (trailing 12 mo)

Weather-adjusted model: ~312 MWh | Metered / billed offset: ~248 MWh | Gap: ~21%

Bill impact (indicative)

Roughly PHP 0.9-1.3M/year less grid offset than the proposal narrative suggested, at recent tariff bands.

Monitoring integrity

Portal gaps of 19 days in Q3 and 11 days in Q4; two inverters report intermittently.

Warranty / vendor status

Workmanship warranty window: 14 months remaining. Installer response SLA not met on last 3 tickets.

Health score breakdown

Energy yield vs baseline 55 / 100

West strings ~28% below east; soiling / mismatch likely.

Monitoring & data quality 48 / 100

Sync gaps; missing onsite irradiance reference.

Equipment / safety signals 78 / 100

No ground-fault alarms; IR scan still pending.

Commercial / warranty posture 70 / 100

Warranty open; string layout docs incomplete.

Ops readiness 64 / 100

No named onsite owner for portal alerts.

Recommended next steps (priority order)

1. Restore monitoring integrity (this week)

Re-establish daily portal sync for all inverters and export up to 24 months of production history if available. Without clean data, every later performance claim stays soft.

2. Targeted west-roof string check (field)

Run I-V / string current comparison on underperforming strings. Inspect for shading, soiling, connector faults, or mismatch before replacing modules. Prefer standards-aligned diagnostics (for example IEC 62446-1 style checks).

3. Reconcile proposal vs actual operating profile

Rebuild the savings case with actual daytime hospital load and real clipping - not brochure irradiance. Share a one-page board brief with the revised annual offset.

4. Vendor escalation while warranty is open

Open a formal performance ticket with an evidence pack (bills, portal gaps, string deltas). Document response dates for board and insurance if needed.

5. Assign an internal solar owner

Name one facilities contact for alerts and monthly scorecard review so quiet installers do not go unnoticed again.

What this sample is - and is not

Is: an illustration of SolarMD health score format, evidence style, and plain-English next steps for C&I and hospital-scale sites.

Is not: a quotation, engineering sign-off, repair plan, financing approval, or assessment of any named facility. Installation and repair remain with licensed contractors. SolarMD provides independent performance checks and decision support.

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