How a 200 kW system can lose $24k without anyone noticing

The panels are on the roof and the portal is set up. But if nobody checks it, a dead inverter and two failed strings can go unnoticed for close to 4 years.

3
Faults found from the monitoring data

$24,473
Estimated value lost over 4 years

$11k
A year still being lost if not fixed

1 month
Payback on the $950 fix

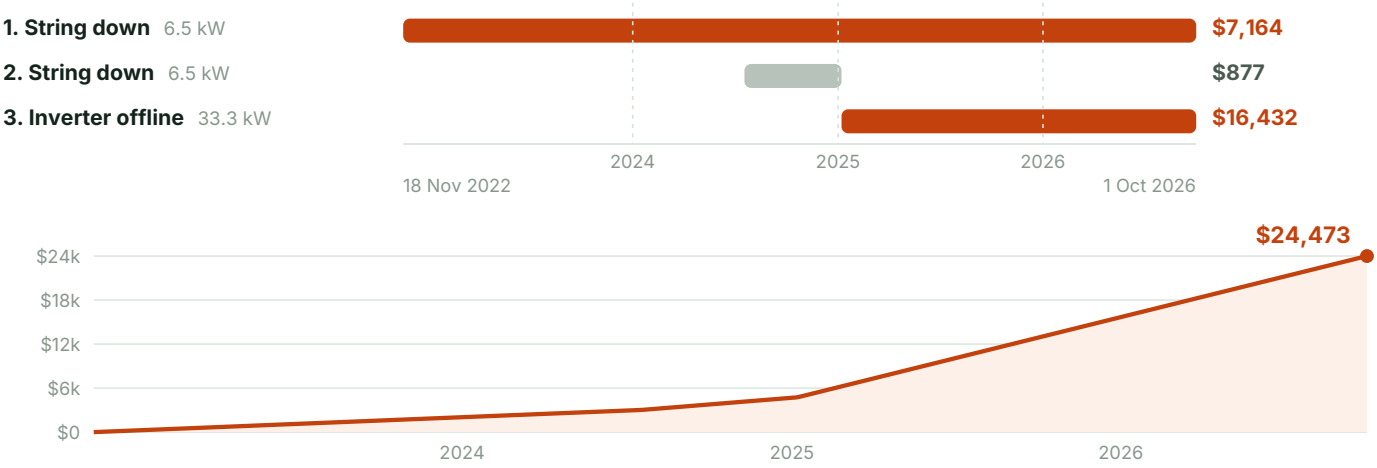
The system

Take a business with a 200 kW system: 6 × SMA Sunny Tripower 25 kW inverters, installed by another installer. Output goes to the SMA Sunny Portal, but no one looks at it.

What an audit finds

- **String down** (6.5 kW) from Nov 2022 - still down
- **String down** (6.5 kW) from Jul 2024 to Jan 2025
- **Inverter offline** (33.3 kW) from Jan 2025 - still down

How the losses built up



What we'd recommend

1. **Fix the inverter first** - at about $26 a day it's the biggest leak.
2. **Repair the failed string** at the same visit, by a licensed electrician, fixed price up front.
3. **Daily monitoring from then on**, with a quarterly performance report.

From audit to fixed

- **Audit** - faults found and costed from the portal data (1 Oct 2026)
- **Quote** - fixed price from our licensed electrical partner within days
- **Fixed** - repaired on site for **$950** by mid-October, paid back in about **1 month** of recovered output
- **Back to 100%** - full output again, worth about **$11,341 a year**

Is your solar still working?

Send us your inverter brand and we'll check it remotely. If we find nothing wrong, the check is half price.

Ari Nikolopoulos
0433 679 324
ari@omnienergysolutions.com.au
www.omnienergysolutions.com.au