

SOLAR ESS MONTHLY REPORT · OCTOBER 2026 · SOLISCLOUD · PLANT REPORT

Upgrade opportunity

Resort, Chiang Rai

30.03 kWp · 50 kW 3-phase hybrid inverter · no battery

Add 20 kWp · meter check

2911

kWh solar

4.04

kWh/kWp/day

67%

solar share of use

209.5

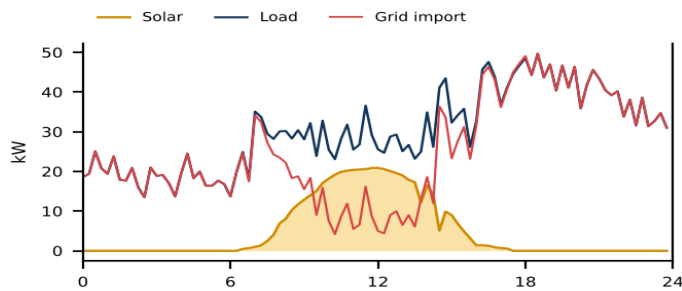
kWh/day bought

115

kWh exported

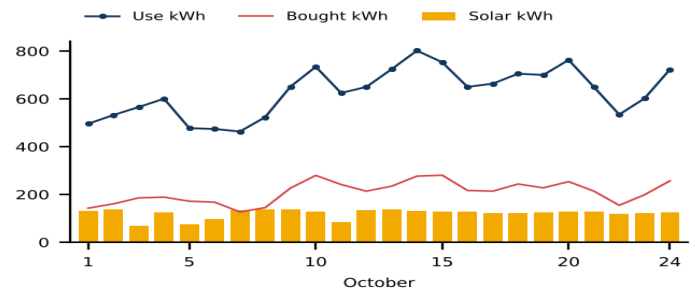
0.0

kWh/day from battery



What we found

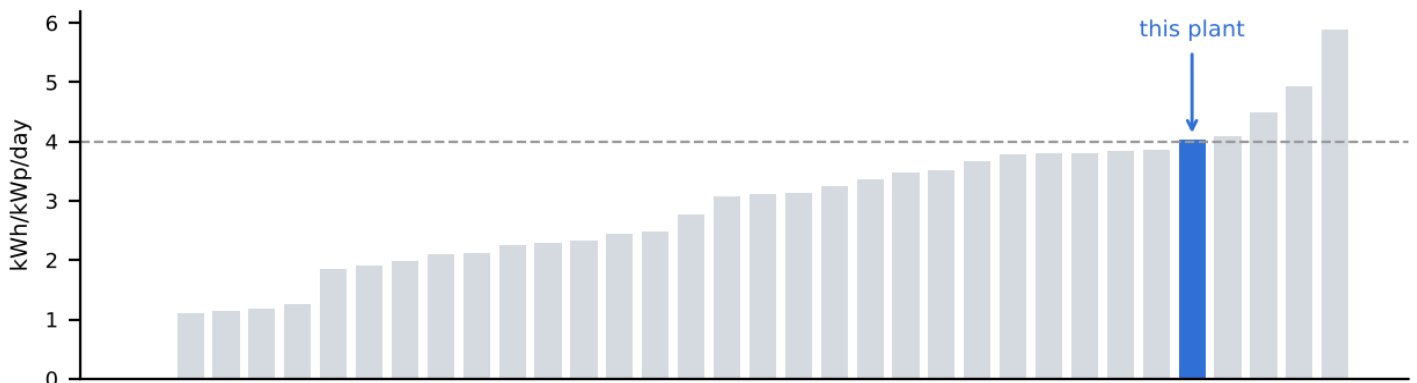
- Very large load: 628 kWh/day. Solar 30 kWp gives 4.0 kWh/kWp/day (good) but covers only a small part.
- Meter figures do not add up: the 24 Oct profile shows 30–49 kW imported overnight, far more than the 210 kWh/day daily import figure.
- 50 kW inverter with only 30 kWp of panels.



What to do

- Check the grid meter / CT ratio setting so import and load are reported correctly.
- Add about 20 kWp of panels on the existing 50 kW inverter: about +2,400 kWh/month.
- Battery storage for the evening peak is the next step.

How this plant compares with the other SolisCloud plants (kWh per kWp per day, 1–24 Oct)



Rank 5 of 34 for yield per kWp. Dashed line $\approx$ 4.0, a typical clear month in the north and centre. A low yield is not always a fault – a full battery or little daytime load makes the inverter throttle the panels.

This plant report is part of the October 2026 SolisCloud fleet review on www.solaress.org (Technical → Monthly Report), which also lists the recommended standard settings. Figures are estimates from monitoring data; site name removed.