

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

Fix now

Restaurant A, Pathum Thani

24 kWp · 20 kW 3-phase hybrid inverter · no battery

About ⅔ of panels not producing

1208

kWh solar

2.10

kWh/kWp/day

21%

solar share of use

182.1

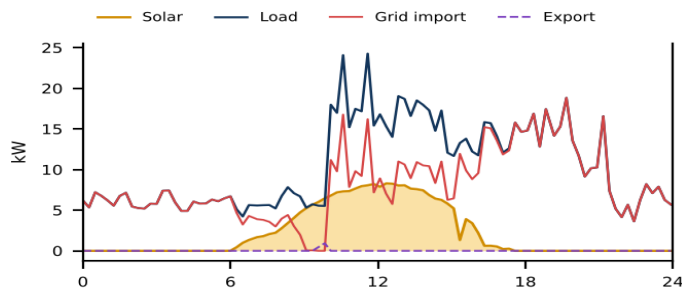
kWh/day bought

22

kWh exported

0.0

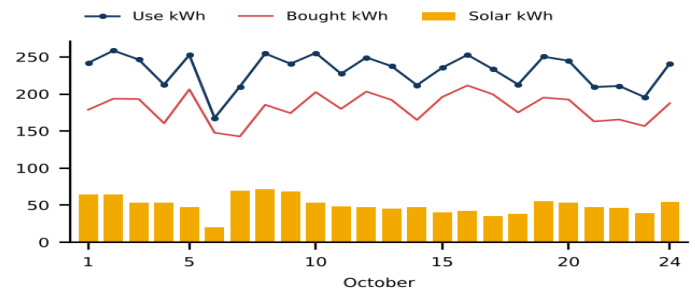
kWh/day from battery



24 October, 5-minute data

What we found

- 24 kWp but only 8.3 kW peak on 24 Oct (0.35 kW per kWp) while the restaurant was importing 15–18 kW – nothing should be limiting the panels.
- Yield 2.1 kWh/kWp/day against 3.8–4.0 at similar central/northern sites.
- Solar covers only 21% of a very large load (231 kWh/day).

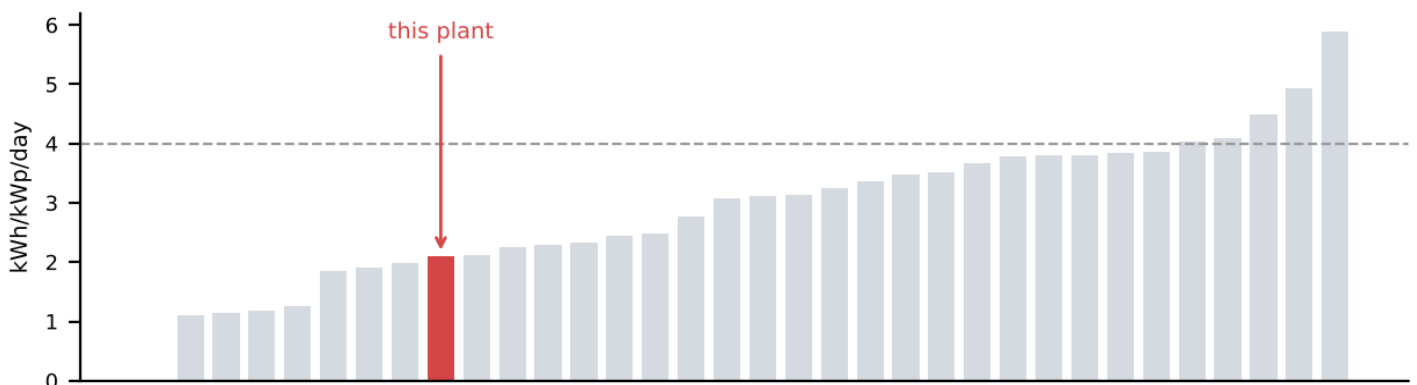


Daily totals, 1–24 October

What to do

- Site check of every string: DC isolators, fuses, MC4 connectors and MPPT input currents; one or two strings are probably disconnected or tripped.
- Expected gain once fixed: about 1,300–1,500 kWh/month.

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



Rank 26 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.