

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

Upgrade opportunity

Forklift workshop, Songkhla

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

Panels throttled · no daytime load

546

kWh solar

1.14

kWh/kWp/day

76%

solar share of use

7.6

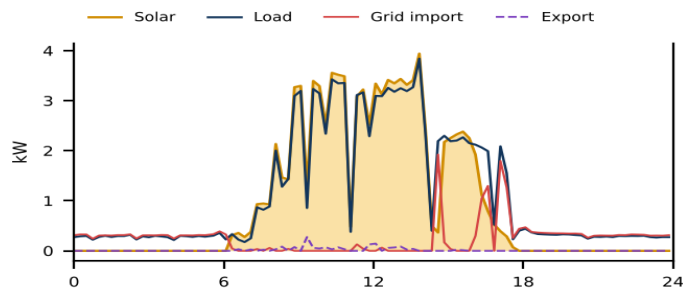
kWh/day bought

14

kWh exported

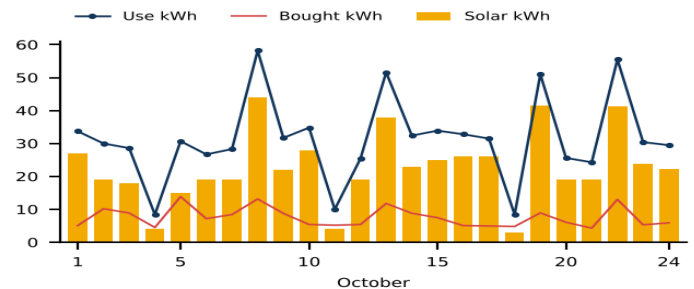
0.0

kWh/day from battery



What we found

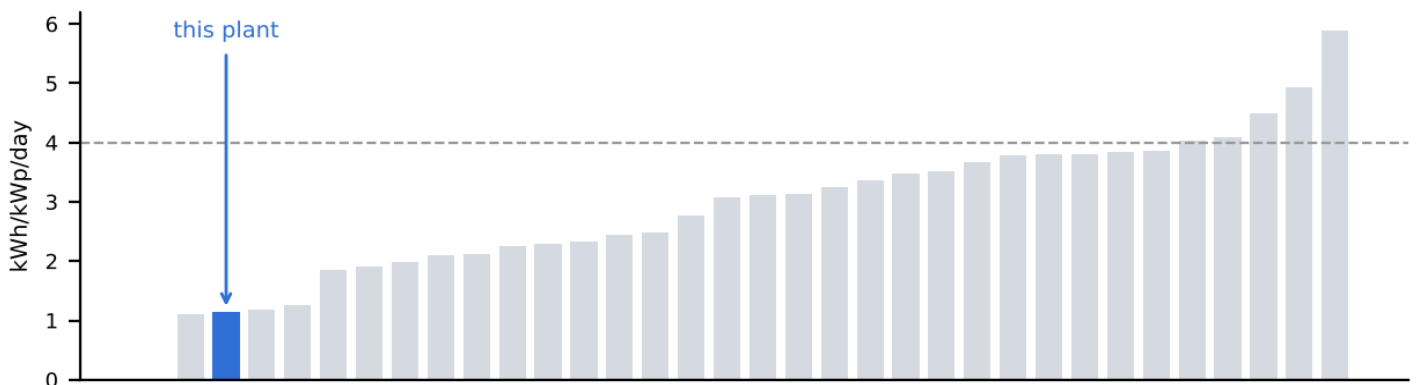
- Lowest yield on a 20 kWp system: 1.14 kWh/kWp/day. No battery and zero export, so the inverter only produces what the site uses (3.9 kW peak).
- Site uses only 31 kWh/day; 17 grid under-voltage alarms.



What to do

- Charge forklifts and run compressors between 10:00 and 15:00 to use the free solar.
- A battery is not worth it at today's low grid purchase (8 kWh/day). Check grid voltage because of the under-voltage trips.

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



Rank 32 of 34 for yield per kWp. Dashed line ≈ 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.