

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

Fix now

Car workshop, Vientiane (Laos)

50 kWp · 50 kW 3-phase hybrid inverter · battery

Battery idle · 50 kWp at 1.3 kWh/kWp

1517

kWh solar

1.26

kWh/kWp/day

63%

solar share of use

35.3

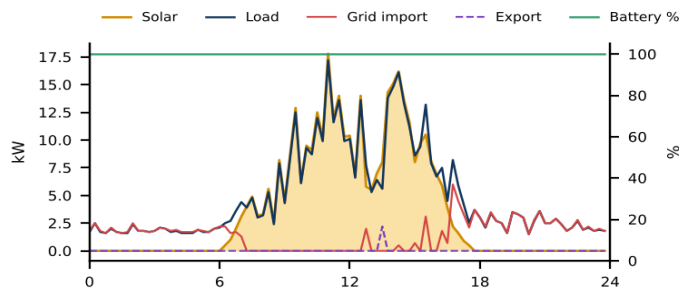
kWh/day bought

14

kWh exported

0.0

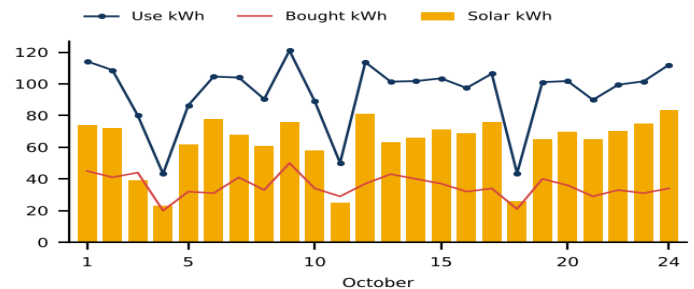
kWh/day from battery



24 October, 5-minute data

What we found

- Lowest real yield in the fleet: 1.26 kWh/kWp/day (63 kWh/day from 50 kWp). Peak only 17.8 kW on a clear day.
- The battery shows 100% all day and never charges or discharges.
- Solar follows the workshop load (zero export), so most of the array is switched off at midday; at night the site buys 2-6 kW.

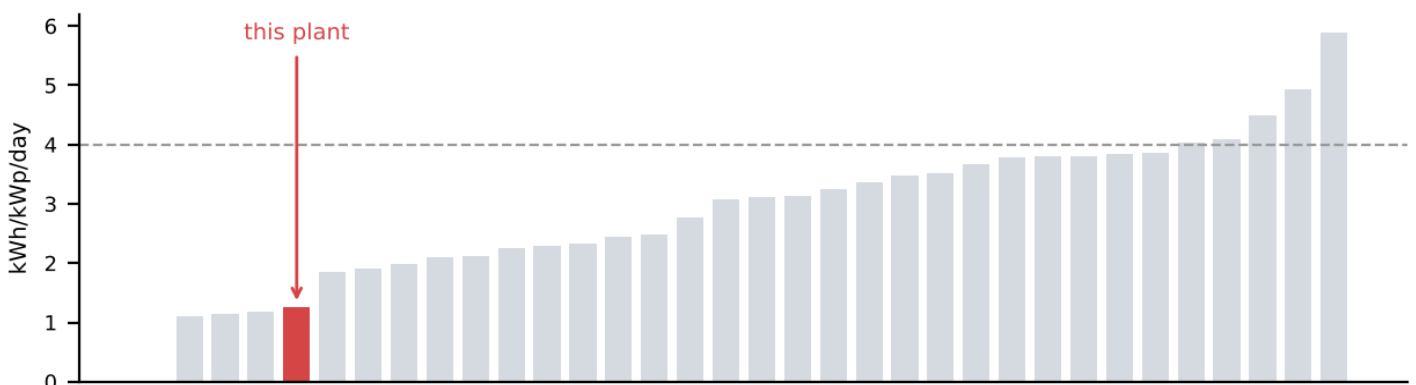


Daily totals, 1-24 October

What to do

- Check whether the battery is actually connected and communicating (BMS cable, battery breaker, battery model setting).
- If the battery cannot work, either fix it or remove it from the configuration; then size the system for the load.
- Ask the owner whether export to the grid (EDL) is allowed – if yes, set an export limit instead of zero export.
- Potential: 100+ kWh/day more solar if storage or export is available.

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



Rank 30 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.