

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

Fix now

School, Tak

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

Battery not working · offline

1726

kWh solar

2.32

kWh/kWp/day

42%

solar share of use

84.8

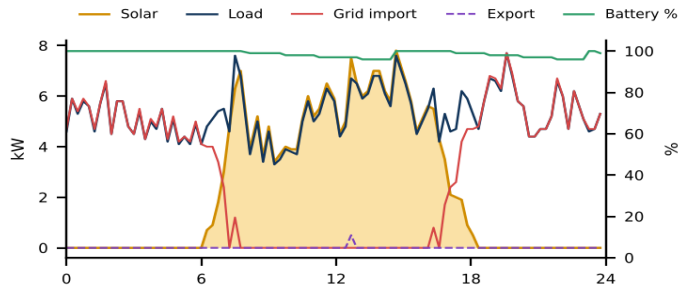
kWh/day bought

13

kWh exported

0.0

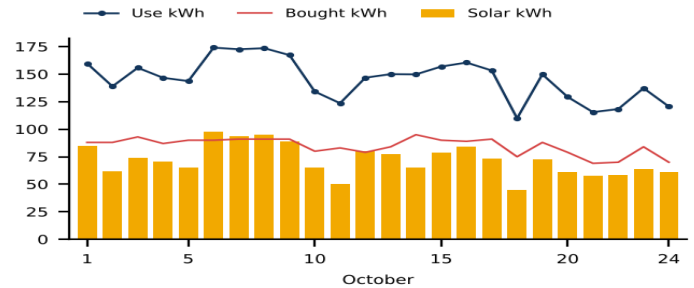
kWh/day from battery



24 October, 5-minute data

What we found

- Went offline at 01:01 on 25 Oct.
- Battery reads 96–100% all day and never charges or discharges; 34 battery-management (BMS) alarms in October.
- Without the battery the inverter limits solar to the school's load: only 7.8 kW peak from 31 kWp, 2.3 kWh/kWp/day.
- Buys about 85 kWh a day from the grid.

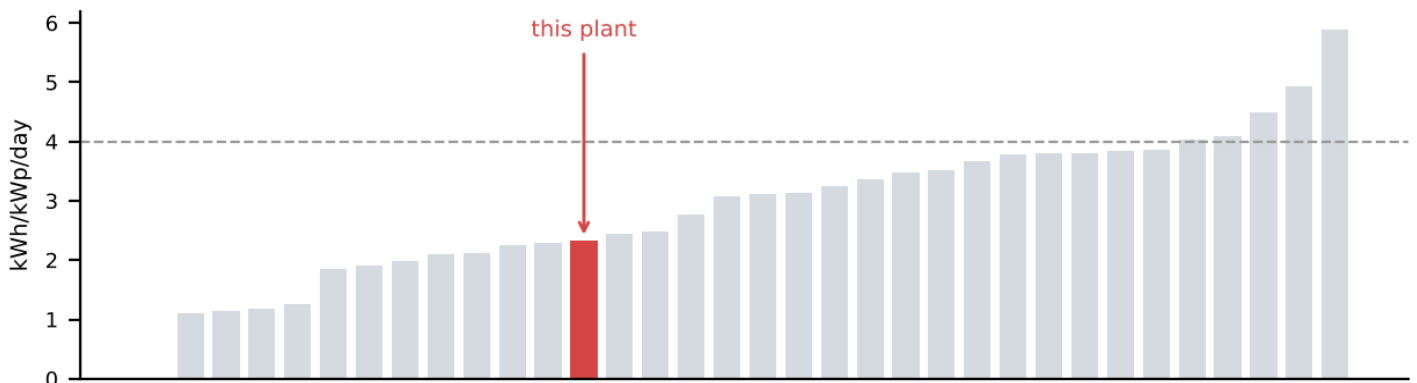


Daily totals, 1–24 October

What to do

- Restore the datalogger connection.
- Check the battery: BMS communication cable (CAN/RS485), battery breaker and the battery model selected in the inverter; clear the BMS alarms.
- With the battery working, midday surplus can be stored for the afternoon – expected 30–40 kWh/day more solar used.

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



Rank 22 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.