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String Performance Monitoring

Track individual string performance and identify underperforming arrays

📄 Export Data

Date:

📅 January 31st, 2026

Record String Performance

Enter individual string measurements

Inverter *

String *

Time *

Recorded By *

Select inverter

Select string

--:-- ⌚

Operator name

Electrical Parameters

Voltage (V)

Current (A)

Power (kW)

String Temp (°C)

Irradiance (W/m²)

650

8.5

5.53

52

850

Performance Status

Normal (>90% expected)

Identified Issues (if any)

☐ Low current

☐ Soiling/dust accumulation

☐ Connection issue

☐ Low voltage

☐ Module hotspot

☐ Module degradation

☐ Possible shading

☐ Bypass diode failure

☐ Reverse current

Notes & Observations

Detailed observations, corrective actions planned...

📄 Save Data

📷 Attach Photo

Today's String Performance Data

2 strings recorded

Time	Inverter	String	Voltage (V)	Current (A)	Power (kW)	Performance	Issues	Recorded By
10:00 AM	INV-001	String 1	650	8.5	5.53	🟢 Normal	None	Suresh Reddy
10:00 AM	INV-001	String 2	645	7.2	4.64	🟡 Low	Low current, Possible shading	Suresh Reddy