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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 *

Select inverter

String *

Select string

Time *

--::--

Recorded By *

Operator name

Electrical Parameters

Voltage (V)

650

Current (A)

8.5

Power (kW)

5.53

String Temp (°C)

52

Irradiance (W/m²)

850

Performance Status

Normal (>90% expected)

Identified Issues (if any)

 Low current Low voltage Possible shading Soiling/dust accumulation Module hotspot Bypass diode failure Connection issue Module degradation 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

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