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## Equipment Monitoring

Real-time equipment parameter monitoring and health check

Save Readings

Export Report

0

Normal

0

Warning

0

Critical

5

Equipment

### Monitoring Details

Technician Name

Monitoring Date

Time

Enter technician name

31-01-2026

16:47

### Inverter 1

Parameter	Expected Range	Actual Value	Status	Notes
DC Input Voltage	800-1000 V	<div>Enter value</div> V	Pending	<div>Add notes...</div>
DC Input Current	0-600 A	<div>Enter value</div> A	Pending	<div>Add notes...</div>
AC Output Voltage	400-415 V	<div>Enter value</div> V	Pending	<div>Add notes...</div>
AC Output Current	0-500 A	<div>Enter value</div> A	Pending	<div>Add notes...</div>
Frequency	49.5-50.5 Hz	<div>Enter value</div> Hz	Pending	<div>Add notes...</div>
Operating Temperature	20-65 °C	<div>Enter value</div> °C	Pending	<div>Add notes...</div>
Power Output	0-250 kW	<div>Enter value</div> kW	Pending	<div>Add notes...</div>
Efficiency	97-99 %	<div>Enter value</div> %	Pending	<div>Add notes...</div>

### Inverter 2

Parameter	Expected Range	Actual Value	Status	Notes
DC Input Voltage	800-1000 V	<div>Enter value</div> V	Pending	<div>Add notes...</div>
AC Output Voltage	400-415 V	<div>Enter value</div> V	Pending	<div>Add notes...</div>
Operating Temperature	20-65 °C	<div>Enter value</div> °C	Pending	<div>Add notes...</div>
Power Output	0-250 kW	<div>Enter value</div> kW	Pending	<div>Add notes...</div>

### Transformer

Parameter	Expected Range	Actual Value	Status	Notes
Primary Voltage	400-415 V	<div>Enter value</div> V	Pending	<div>Add notes...</div>
Secondary Voltage	11-11.5 kV	<div>Enter value</div> kV	Pending	<div>Add notes...</div>
Oil Temperature	40-70 °C	<div>Enter value</div> °C	Pending	<div>Add notes...</div>
Oil Level	Normal	<div>Enter value</div>	Pending	<div>Add notes...</div>
Load Current	0-400 A	<div>Enter value</div> A	Pending	<div>Add notes...</div>

### Weather Station

Parameter	Expected Range	Actual Value	Status	Notes
Irradiance	0-1200 W/m²	<div>Enter value</div> W/m²	Pending	<div>Add notes...</div>
Module Temperature	15-75 °C	<div>Enter value</div> °C	Pending	<div>Add notes...</div>
Ambient Temperature	10-45 °C	<div>Enter value</div> °C	Pending	<div>Add notes...</div>
Wind Speed	0-50 km/h	<div>Enter value</div> km/h	Pending	<div>Add notes...</div>

### String 1-10

Parameter	Expected Range	Actual Value	Status	Notes
DC Voltage	800-1000 V	<div>Enter value</div> V	Pending	<div>Add notes...</div>
DC Current	8-12 A	<div>Enter value</div> A	Pending	<div>Add notes...</div>

### Overall Assessment & Recommendations

General Notes

Enter overall equipment health assessment, trends observed, recommendations...