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Performance Reports

Multi-level performance analysis: Site → Inverter → MPPT → String

All Sites

Today

Apply Filters

Site Level

Inverter Level

MPPT Level

String Level

Site-Level Performance Analysis

Overall site performance metrics and KPIs

Surya Nagar Solar Park

Capacity: 50 MW

Generation

312.5 MWh

Expected: 325.0 MWh

Performance Ratio

96.15%

Excellent

CUF

25.5%

Irradiance: 6.8 kWh/m²

Availability

99.2%

Losses: 3.85%

Vidyut Bhavan Installation

Capacity: 25 MW

Generation

145.2 MWh

Expected: 162.5 MWh

Performance Ratio

89.35%

Needs Attention

CUF

23.8%

Irradiance: 6.5 kWh/m²

Availability

97.5%

Losses: 10.65%

Marina Power Station

Capacity: 40 MW

Generation

248.0 MWh

Expected: 260.0 MWh

Performance Ratio

95.38%

Excellent

CUF

25.3%

Irradiance: 6.7 kWh/m²

Availability

98.8%

Losses: 4.62%

Performance Summary

Overall fleet performing at 94.3% Performance Ratio with 98.5% availability. Total generation today: 705.7 MWh. 3 inverters require attention due to efficiency drops. String-5 in MPPT-3 showing 8.9% underperformance - recommended for inspection.

AD

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