

## Performance Reports

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

[Date Range](#) [Export Report](#)

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

excellent

Generation

**312.5 MWh**

Expected: 325.0 MWh

Performance Ratio

**96.15%**

↗ Excellent

CUF

**25.5%**Irradiance: 6.8 kWh/m<sup>2</sup>

Availability

**99.2%**

Losses: 3.85%

#### Vidut Bhavan Installation

Capacity: 25 MW

good

Generation

**145.2 MWh**

Expected: 162.5 MWh

Performance Ratio

**89.35%**

↘ Needs Attention

CUF

**23.8%**Irradiance: 6.5 kWh/m<sup>2</sup>

Availability

**97.5%**

Losses: 10.65%

#### Marina Power Station

Capacity: 40 MW

excellent

Generation

**248.0 MWh**

Expected: 260.0 MWh

Performance Ratio

**95.38%**

↗ Excellent

CUF

**25.3%**Irradiance: 6.7 kWh/m<sup>2</sup>

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.