

Monthly Energy Generation Report for November

Weather Conditions

Sunlight Hours: 163401.62 hours

Average Temperature: 27.74°C

Average Wind Speed: 7.82 m/s

Total Rainfall: 55712.25 mm

Air Quality Data:

Average PM1: 5.07 µg/m³

Average PM2.5: 0.17 µg/m³

Average PM4: 0.00 µg/m³

Average PM10: 0.00 µg/m³

Average Particulate Concentration: 41.86 particles/m³

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Energy Generation Data

Total Energy Generated AC: 79219.27 kWh

Total Energy Generated DC: 54762.38 kWh

Conversion Efficiency Rate: 144.66%

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Environmental Impact

Environmental Impact: The clean energy generated this month contributed to improved air quality by reducing greenhouse gas emissions, promoting a healthier environment.

CO2 Savings: 59414.45 kg

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Alerts and Notifications

Performance Alerts: No performance alerts were reported for this month.

Weather Warnings: No weather warnings were reported for this month.

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Summary and Recommendations

Summary: The energy generation and environmental conditions for November have been analyzed.

Recommendations: Consider optimizing energy generation during periods of lower efficiency and monitoring weather conditions for better performance.