

SEASONAL SOLAR POTENTIAL VARIATIONS

Annual Irradiance Distribution & Grid Capacity Analysis

LOCATION: 34.0522 N (SAMPLE)
YEAR: 2024 REFERENCE
UNITS: KWH/MÂ²/DAY

WINTER DEC - FEB

Map View: Low Exposure

Avg: 2.4 kWh Peak: 11:45 AM

SPRING MAR - MAY

Map View: Moderate Exposure

Avg: 5.1 kWh Peak: 12:15 PM

SUMMER JUN - AUG

Map View: Peak Exposure

Avg: 7.8 kWh Peak: 1:00 PM

AUTUMN SEP - NOV

Map View: Receding Exposure

Avg: 4.2 kWh Peak: 12:45 PM

- Low Potential
- Moderate Potential
- High Potential
- Critical Variation

Data generated for architectural planning purposes. Accuracy +/- 5% based on local meteorological records.