

SOLAR IRRADIANCE ASSESSMENT

Site Analysis for Residential Photovoltaic Potential

[Regional Solar Radiation Map Graphic]

Low (3.0 kWh/m²/day)

Moderate

High

Optimal (6.5+ kWh/m²/day)

Location: Sample Residence

Annual GHI: 1,750 kWh/m²

Peak Sun Hours: 5.2 Hours/Day

Optimal Tilt: 32 South

Shading Loss: < 5%

Climate Zone: Subtropical / Dry

Generated on October 24, 2023 • Reference Only • Not for Engineering Specifications