

SOLAR RADIATION ANALYSIS

Annual Average Daily Global Horizontal Irradiance (GHI)

[Geographic Radiation Intensity Map Visualization]

- 2.0 - 3.5 kWh/m²
- 3.5 - 5.0 kWh/m²
- 5.0 - 6.5 kWh/m²
- 6.5+ kWh/m²

Region / Zone	Avg. Peak Sun Hours	Daily GHI (kWh/m ²)	Efficiency Rating
Northern Sector	3.2 hrs	3.42	Moderate
Central Plains	4.8 hrs	4.95	High
Southern Desert	6.5 hrs	6.88	Optimal
Coastal Range	4.1 hrs	4.20	High

Data sourced from National Renewable Energy Laboratory (NREL) - Generated for Template Purposes