

SOLAR POTENTIAL REPORT

Regional Photovoltaic Power Output Analysis

ID: SR-2024-001

Date: October 2023 - Present

- < 3.0 kWh/m²
- 3.0 - 4.5 kWh/m²
- 4.5 - 6.0 kWh/m²
- 6.0 - 7.5 kWh/m²
- > 7.5 kWh/m²

PEAK SUN HOURS **5.8 hrs**
AVG GHI **2,150**
OPTIMUM TILT **28.5**
EFFICIENCY **18.2%**

Northern Sector A	1,950	1,420	Moderate
Central Basin B	2,210	1,680	High
Southern Ridge C	2,540	1,890	Optimal
Western Coastal D	1,820	1,310	Low-Moderate

Data Source: National Renewable Energy Laboratory (NREL) - Model Version 4.2. Values are estimates based on 10-year historical averages. Optimal tilt assumes south-facing orientation.