

Solar Farm Feasibility Study Template

1. Project Overview

Project Name

Location

Site Area (acres/hectares)

Description

2. Regulatory & Permitting

Zoning Status

Permits Required

3. Site Assessment

Latitude/Longitude

Topography Notes

Soil Condition

Environmental Concerns

4. Solar Resource Analysis

Average Solar Irradiance (kWh/m²/day)

Data Source

5. Grid Connection & Infrastructure

Distance to Grid (km/miles)

Available Grid Capacity

Connection Requirements

6. Technical Design

Component	Specification
Panel Type	
Inverter Type	
Mounting Structure	
Total Capacity (MW)	

7. Financial Analysis

Cost Item	Estimate
Initial Capital Cost	
O&M Cost (Annual)	
Projected Revenue	

Financing Considerations

8. Risk Assessment

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9. Conclusions & Recommendations

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