

Renewable Energy Output Projection Format

Document Version: 1.0 | Date: 2024-06-22

Project Information

Project Name	Green Valley Solar Farm
Location	Springfield, Example Country
Technology	Solar Photovoltaic
Installed Capacity	50 MW
Commissioning Year	2025

Annual Output Projection

Year	Projected Output (MWh)	Capacity Factor (%)	Remarks
2025	90,000	20.5	Full year operation begins in June
2026	98,000	22.4	First full operational year
2027	96,500	22.1	Expected regular maintenance
2028	95,500	21.8	-
2029	94,800	21.7	Projected minor efficiency loss

Assumptions

- Normal weather conditions as per historical averages.
- No significant equipment failures beyond standard maintenance.
- No regulatory or grid curtailment during the period.
- Performance ratio based on current technology benchmarks.

Important Notes

- This document is a forward-looking projection and actual results may vary.
- All calculations are based on current site survey, technology, and design.
- Key assumptions and data sources should be clearly documented and regularly updated.
- Use this format to ensure consistency across project reports and regulatory submissions.