

# Renewable Energy Integration Audit

## 1. Project & Site Information

Project Name

Location

Date of Audit

Auditor Name(s)

## 2. Existing Energy System Overview

Current Energy Sources

Annual Energy Consumption (kWh)

Peak Demand (kW)

Grid Connection Details

## 3. Renewable Integration Assessment

Types of Renewables Considered

- Solar PV
- Wind
- Biomass
- Hydro
- Other

Site Suitability Assessment

Estimated Renewable Resource Potential

## 4. Infrastructure Readiness

Grid Infrastructure Compatibility

Space Availability

Required Upgrades or Modifications

5. Regulatory & Permitting Review

Permitting Requirements

Utility Interconnection Rules

6. Financial & Environmental Impact

Estimated Cost of Integration

Anticipated Savings/ROI

Expected Reduction in Emissions

7. Risk & Barrier Assessment

Technical Barriers

Economic Barriers

Social or Policy Barriers

8. Recommendations & Next Steps

9. Summary Table

Aspect	Status	Notes
Technical Feasibility		
Financial Viability		
Regulatory Readiness		
Environmental Impact		