

# Off-Grid Solar Project Evaluation Sheet

## Project Details

Project Name

Location

Date

Evaluator Name

## Site Assessment

Site Description

Estimated Solar Insolation (kWh/m<sup>2</sup>/day)

Available Area for Panels (m<sup>2</sup>)

## Load Analysis

Appliance	Quantity	Power (W)	Hours/Day	Total Wh/Day
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Total Daily Consumption (Wh)

## System Sizing

Solar Array Size (kW)

Battery Bank Size (Ah / kWh)

Inverter Capacity (kW)

Charge Controller Type/Rating

## Financial Evaluation

Estimated Project Cost

Funding Sources

Payback Period (Years)

Notes / Remarks