

Off-Grid Greenhouse Energy Needs Assessment

Greenhouse Information

Location

Greenhouse Size (sq ft)

Crops Grown

Season(s) of Operation

Heating Requirements

Type of Heating System

Estimated Heating Demand (kWh/day)

Operating Hours per Day

Lighting Requirements

Type of Lighting System

Estimated Lighting Demand (kWh/day)

Operating Hours per Day

Ventilation & Fans

Number of Fans

Total Power Consumption (kWh/day)

Operating Hours per Day

Other Electrical Loads

Device/Equipment	Quantity	Power Rating (W)	Daily Usage (hrs)

Energy Source(s) Considered

Solar PV (Yes/No)

Wind (Yes/No)

Generator (Yes/No)

Other Comments

Notes