

Biomass Energy System Financial Feasibility Sheet

1. Project Information

Project Name	<input type="text"/>
Location	<input type="text"/>
Date	<input type="text"/>
Prepared by	<input type="text"/>

2. System Details

System Capacity (kW or MW)	<input type="text"/>
Biomass Type	<input type="text"/>
Expected Annual Generation (MWh)	<input type="text"/>
Lifespan (years)	<input type="text"/>

3. Capital Costs

Description	Cost (USD)
Equipment Purchase	<input type="text"/>
Installation & Construction	<input type="text"/>
Engineering & Permitting	<input type="text"/>
Contingency	<input type="text"/>
Total Capital Cost	<input type="text"/>

4. Operating Costs (Annual)

Description	Cost (USD)
Biomass Feedstock	<input type="text"/>
Labor	<input type="text"/>

Maintenance	<input type="text"/>
Insurance	<input type="text"/>
Other	<input type="text"/>
Total Operating Cost	<input type="text"/>

5. Revenue

Source	Annual Revenue (USD)
Electricity Sales	<input type="text"/>
Heat Sales	<input type="text"/>
Byproduct Sales (e.g. Ash)	<input type="text"/>
Subsidies/Incentives	<input type="text"/>
Total Annual Revenue	<input type="text"/>

6. Financing

Sources of Financing	Amount (USD)
Equity	<input type="text"/>
Loans	<input type="text"/>
Grants	<input type="text"/>
Other	<input type="text"/>
Total Financing	<input type="text"/>

7. Key Financial Metrics

Metric	Value
Simple Payback Period (years)	<input type="text"/>
Net Present Value (USD)	<input type="text"/>

Internal Rate of Return (%)

8. Notes/Assumptions