

The background features a series of concentric circles in light gray, some solid and some dashed, creating a ripple effect. A large red callout box is centered on the page, containing the title and author information.

# Biomass

By: Ronnie Dulaymi

Co-contributors: Ryan Fischer and Nolan Leonard

A red speech bubble graphic with a white outline, containing the text 'What is Biomass?'. The bubble has a tail pointing downwards and to the right.

## What is Biomass?

The process of obtaining energy through burning wood, crops, and organic waste.

# The Pros

**Energy Efficient**

**Turns Waste Into Useable Energy**

**Carbon Neutral**

**Renewable**

# The Cons

**Expensive**

**Requires Space**

**Can Lead To Deforestation**

## Costs

Biomass is quite expensive ranging at \$3,000 to \$4,000 American dollars per kilowatt. Biomass has a levelized cost of \$0.8 to \$0.15 per kilowatt hour.

# Efficiency

**Biomass is 75-80% effective while natural electricity is only 20-25% effective and water power being even less so.**