

Biomass Systems

Convert Your Waste To \$\$\$\$

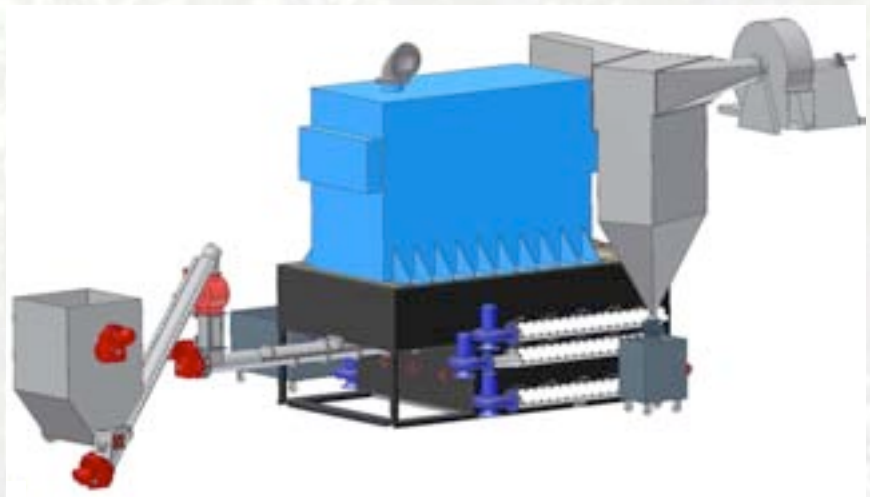


- For:
- Space Heating
 - Heated Process Water or Air
 - Process Steam



We Provide Complete Systems Capability

- *Chip* ➔ *Dry* ➔ *Feed* ➔ *Burn* ➔ *Convert* ➔ *Clean*
- *Integrated system controls*
- *Optional grinders*



**A System Sized To Your Need:
from 1 million to 10 million BTU Per Hour**

Biomass can be a very cost effective source of energy ...

Heating Values Of Selected Fuel Sources

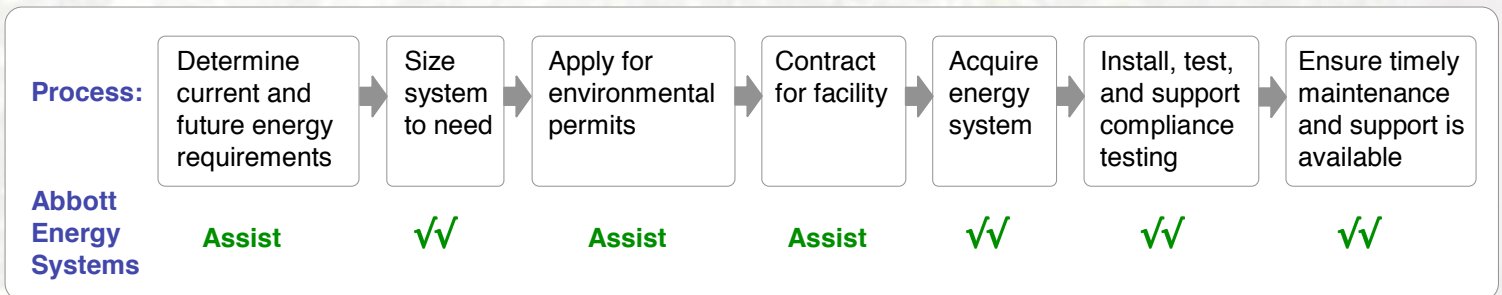
This table lets you compare the cost per million BTU of natural gas and oil with that of wood. Simply enter the current prices for each commodity and complete the math:

	Typical Purchase Quantity	Enter Purchase Cost (\$)	BTU (Mils)	Cost Per Mil BTU (\$) (b) ÷ (c)
	(a)	(b)	(c)	(d)
Natural Gas	1000 cu ft	_____	1.00	_____
Barrel of Oil	55 gal	_____	8.00	_____
Biomass				
- Wood	Ton			
- 25% moisture		_____	12.75	_____
- 40% moisture		_____	10.20	_____
- 60% moisture		_____	8.50	_____

But moisture content is critical ...

Moisture Content of Wood	Gross Heating Value (BTUs/lb)
Oven-dry	8500
25%	6375
30%	5950
35%	5525
40%	5100
45%	4675
50%	4250
55%	3825
60%	3400

Abbott Energy Systems helps with planning, acquisition and implementation ...



You Can Trust Abbott

Abbott Energy Systems is a subsidiary of the Abbott Furnace Company. Founded in 1983, Abbott Furnace is the largest manufacturer of continuous belt industrial furnaces in North America. Solid engineering, top-quality controls and high uptime are all hallmarks of the company's furnaces. From its inception, the company has had a reputation for outstanding customer service and its service technicians now support a large, global, installed base of products.