

Table 6. Cost and Energy Content of wood chips per ton (Source: Pennsylvania Wood Energy Prospectus, 2016)

Cost of Useful Heat from Different Fuels (at representative prices).

| Fuel Type | Cost | Units | Energy Content (GJ) | Efficiency (%) | \$/ useful GJ |
|------------------|-------------|--------------|----------------------------|-----------------------|----------------------|
| Cordwood | \$ 175.00 | cord | 25.3 | 60 | \$ 11.53 |
| Wood Pellets | \$ 220.00 | ton | 18 | 80 | \$ 15.28 |
| Wood Chips | \$ 50.00 | ton | 11 | 70 | \$ 6.49 |
| Fuel Oil | \$ 2.20 | gallon | 0.147 | 80 | \$ 18.71 |
| Electricity | \$ 0.12 | kwh | 0.0036 | 100 | \$ 33.33 |
| Propane | \$ 2.30 | gallon | 0.097 | 85 | \$ 28.00 |
| Natural Gas | \$17.00 | kcf | 1.076 | 85 | \$ 18.59 |