# Cost Per Million BTU's

***Electricity*** 3,413 **Btu / kWh**

| $/ kWh | | $ 0.030 | $0.035 | $0.040 | $0.045 | $0.050 | $0.055 | $0.060 | $0.065 | $0.070 | $0.075 | $0.080 | $0.085 | $0.090 | $0.095 | $0.105 | $0.011 | $0.115 | $0.120 | $0.125 | $0.130 | $0.135 | $0.140 | $0.145 | $0.150 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *C.O.P | 82% | 10.72 | 12.51 | 14.29 | 16.08 | 17.87 | 19.65 | 21.44 | 23.23 | 25.01 | 26.80 | 28.59 | 30.37 | 32.16 | 33.94 | 37.52 | 3.93 | 41.09 | 42.88 | 44.66 | 46.45 | 48.24 | 50.02 | 51.81 | 53.60 |
| | 85% | 10.34 | 12.06 | 13.79 | 15.51 | 17.24 | 18.96 | 20.68 | 22.41 | 24.13 | 25.85 | 27.58 | 29.30 | 31.02 | 32.75 | 36.19 | 3.79 | 39.64 | 41.36 | 43.09 | 44.81 | 46.53 | 48.26 | 49.98 | 51.71 |
| | 86% | 10.22 | 11.92 | 13.63 | 15.33 | 17.03 | 18.74 | 20.44 | 22.15 | 23.85 | 25.55 | 27.26 | 28.96 | 30.66 | 32.37 | 35.77 | 3.75 | 39.18 | 40.88 | 42.59 | 44.29 | 45.99 | 47.70 | 49.40 | 51.10 |
| | 92% | 9.55 | 11.15 | 12.74 | 14.33 | 15.92 | 17.52 | 19.11 | 20.70 | 22.29 | 23.89 | 25.48 | 27.07 | 28.66 | 30.26 | 33.44 | 3.50 | 36.62 | 38.22 | 39.81 | 41.40 | 42.99 | 44.59 | 46.18 | 47.77 |
| | 100% | 8.79 | 10.25 | 11.72 | 13.18 | 14.65 | 16.11 | 17.58 | 19.04 | 20.51 | 21.97 | 23.44 | 24.90 | 26.37 | 27.83 | 30.76 | 3.22 | 33.69 | 35.16 | 36.62 | 38.09 | 39.55 | 41.02 | 42.48 | 43.95 |
| | 150% | 5.86 | 6.84 | 7.81 | 8.79 | 9.77 | 10.74 | 11.72 | 12.70 | 13.67 | 14.65 | 15.63 | 16.60 | 17.58 | 18.56 | 20.51 | 2.15 | 22.46 | 23.44 | 24.42 | 25.39 | 26.37 | 27.35 | 28.32 | 29.30 |
| | 200% | 4.39 | 5.13 | 5.86 | 6.59 | 7.32 | 8.06 | 8.79 | 9.52 | 10.25 | 10.99 | 11.72 | 12.45 | 13.18 | 13.92 | 15.38 | 1.61 | 16.85 | 17.58 | 18.31 | 19.04 | 19.78 | 20.51 | 21.24 | 21.97 |
| | 250% | 3.52 | 4.10 | 4.69 | 5.27 | 5.86 | 6.45 | 7.03 | 7.62 | 8.20 | 8.79 | 9.38 | 9.96 | 10.55 | 11.13 | 12.31 | 1.29 | 13.48 | 14.06 | 14.65 | 15.24 | 15.82 | 16.41 | 16.99 | 17.58 |
| | 275% | 3.20 | 3.73 | 4.26 | 4.79 | 5.33 | 5.86 | 6.39 | 6.93 | 7.46 | 7.99 | 8.52 | 9.06 | 9.59 | 10.12 | 11.19 | 1.17 | 12.25 | 12.79 | 13.32 | 13.85 | 14.38 | 14.92 | 15.45 | 15.98 |
| | 300% | 2.93 | 3.42 | 3.91 | 4.39 | 4.88 | 5.37 | 5.86 | 6.35 | 6.84 | 7.32 | 7.81 | 8.30 | 8.79 | 9.28 | 10.25 | 1.07 | 11.23 | 11.72 | 12.21 | 12.70 | 13.18 | 13.67 | 14.16 | 14.65 |
| | 325% | 2.70 | 3.16 | 3.61 | 4.06 | 4.51 | 4.96 | 5.41 | 5.86 | 6.31 | 6.76 | 7.21 | 7.66 | 8.11 | 8.56 | 9.47 | 0.99 | 10.37 | 10.82 | 11.27 | 11.72 | 12.17 | 12.62 | 13.07 | 13.52 |
| | 350% | 2.51 | 2.93 | 3.35 | 3.77 | 4.19 | 4.60 | 5.02 | 5.44 | 5.86 | 6.28 | 6.70 | 7.12 | 7.53 | 7.95 | 8.79 | 0.92 | 9.63 | 10.05 | 10.46 | 10.88 | 11.30 | 11.72 | 12.14 | 12.56 |
| | 375% | 2.34 | 2.73 | 3.13 | 3.52 | 3.91 | 4.30 | 4.69 | 5.08 | 5.47 | 5.86 | 6.25 | 6.64 | 7.03 | 7.42 | 8.20 | 0.86 | 8.99 | 9.38 | 9.77 | 10.16 | 10.55 | 10.94 | 11.33 | 11.72 |
| | 400% | 2.20 | 2.56 | 2.93 | 3.30 | 3.66 | 4.03 | 4.39 | 4.76 | 5.13 | 5.49 | 5.86 | 6.23 | 6.59 | 6.96 | 7.69 | 0.81 | 8.42 | 8.79 | 9.16 | 9.52 | 9.89 | 10.25 | 10.62 | 10.99 |

***Natural Gas*** 100,000 **Btu / therm**

| $ / ccf | | $ 0.45 | $ 0.50 | $ 0.55 | $ 0.60 | $ 0.65 | $ 0.70 | $ 0.75 | $ 0.80 | $ 0.82 | $ 0.84 | $ 0.86 | $ 0.88 | $ 0.90 | $ 0.92 | $ 0.94 | $ 0.96 | $ 0.98 | $ 1.00 | $ 1.05 | $ 1.10 | $ 1.15 | $ 1.20 | $ 1.25 | $ 1.30 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **AFUE | 55% | 8.18 | 9.09 | 10.00 | 10.91 | 11.82 | 12.73 | 13.64 | 14.55 | 14.91 | 15.27 | 15.64 | 16.00 | 16.36 | 16.73 | 17.09 | 17.45 | 17.82 | 18.18 | 19.09 | 20.00 | 20.91 | 21.82 | 22.73 | 23.64 |
| | 60% | 7.50 | 8.33 | 9.17 | 10.00 | 10.83 | 11.67 | 12.50 | 13.33 | 13.67 | 14.00 | 14.33 | 14.67 | 15.00 | 15.33 | 15.67 | 16.00 | 16.33 | 16.67 | 17.50 | 18.33 | 19.17 | 20.00 | 20.83 | 21.67 |
| | 65% | 6.92 | 7.69 | 8.46 | 9.23 | 10.00 | 10.77 | 11.54 | 12.31 | 12.62 | 12.92 | 13.23 | 13.54 | 13.85 | 14.15 | 14.46 | 14.77 | 15.08 | 15.38 | 16.15 | 16.92 | 17.69 | 18.46 | 19.23 | 20.00 |
| | 70% | 6.43 | 7.14 | 7.86 | 8.57 | 9.29 | 10.00 | 10.71 | 11.43 | 11.71 | 12.00 | 12.29 | 12.57 | 12.86 | 13.14 | 13.43 | 13.71 | 14.00 | 14.29 | 15.00 | 15.71 | 16.43 | 17.14 | 17.86 | 18.57 |
| | 75% | 6.00 | 6.67 | 7.33 | 8.00 | 8.67 | 9.33 | 10.00 | 10.67 | 10.93 | 11.20 | 11.47 | 11.73 | 12.00 | 12.27 | 12.53 | 12.80 | 13.07 | 13.33 | 14.00 | 14.67 | 15.33 | 16.00 | 16.67 | 17.33 |
| | 80% | 5.63 | 6.25 | 6.88 | 7.50 | 8.13 | 8.75 | 9.38 | 10.00 | 10.25 | 10.50 | 10.75 | 11.00 | 11.25 | 11.50 | 11.75 | 12.00 | 12.25 | 12.50 | 13.13 | 13.75 | 14.38 | 15.00 | 15.63 | 16.25 |
| | 82% | 5.49 | 6.10 | 6.71 | 7.32 | 7.93 | 8.54 | 9.15 | 9.76 | 10.00 | 10.24 | 10.49 | 10.73 | 10.98 | 11.22 | 11.46 | 11.71 | 11.95 | 12.20 | 12.80 | 13.41 | 14.02 | 14.63 | 15.24 | 15.85 |
| | 85% | 5.29 | 5.88 | 6.47 | 7.06 | 7.65 | 8.24 | 8.82 | 9.41 | 9.65 | 9.88 | 10.12 | 10.35 | 10.59 | 10.82 | 11.06 | 11.29 | 11.53 | 11.76 | 12.35 | 12.94 | 13.53 | 14.12 | 14.71 | 15.29 |
| | 90% | 5.00 | 5.56 | 6.11 | 6.67 | 7.22 | 7.78 | 8.33 | 8.89 | 9.11 | 9.33 | 9.56 | 9.78 | 10.00 | 10.22 | 10.44 | 10.67 | 10.89 | 11.11 | 11.67 | 12.22 | 12.78 | 13.33 | 13.89 | 14.44 |
| | 92% | 4.89 | 5.43 | 5.98 | 6.52 | 7.07 | 7.61 | 8.15 | 8.70 | 8.91 | 9.13 | 9.35 | 9.57 | 9.78 | 10.00 | 10.22 | 10.43 | 10.65 | 10.87 | 11.41 | 11.96 | 12.50 | 13.04 | 13.59 | 14.13 |
| | 95% | 4.74 | 5.26 | 5.79 | 6.32 | 6.84 | 7.37 | 7.89 | 8.42 | 8.63 | 8.84 | 9.05 | 9.26 | 9.47 | 9.68 | 9.89 | 10.11 | 10.32 | 10.53 | 11.05 | 11.58 | 12.11 | 12.63 | 13.16 | 13.68 |

***Propane*** 91,500 **Btu / gallon**

| $ / gal | | $ 0.70 | $ 0.75 | $ 0.80 | $ 0.85 | $ 0.90 | $ 0.95 | $ 1.00 | $ 1.10 | $ 1.20 | $ 1.30 | $ 1.40 | $ 1.50 | $ 1.60 | $ 1.70 | $ 1.80 | $ 1.90 | $ 2.00 | $ 2.10 | $ 2.20 | $ 2.30 | $ 2.40 | $ 2.50 | $ 2.63 | $ 2.60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **AFUE | 55% | 13.91 | 14.90 | 15.90 | 16.89 | 17.88 | 18.88 | 19.87 | 21.86 | 23.85 | 25.83 | 27.82 | 29.81 | 31.79 | 33.78 | 35.77 | 37.75 | 39.74 | 41.73 | 43.72 | 45.70 | 47.69 | 49.68 | 52.26 | 51.66 |
| | 60% | 12.75 | 13.66 | 14.57 | 15.48 | 16.39 | 17.30 | 18.21 | 20.04 | 21.86 | 23.68 | 25.50 | 27.32 | 29.14 | 30.97 | 32.79 | 34.61 | 36.43 | 38.25 | 40.07 | 41.89 | 43.72 | 45.54 | 47.91 | 47.36 |
| | 65% | 11.77 | 12.61 | 13.45 | 14.29 | 15.13 | 15.97 | 16.81 | 18.50 | 20.18 | 21.86 | 23.54 | 25.22 | 26.90 | 28.58 | 30.26 | 31.95 | 33.63 | 35.31 | 36.99 | 38.67 | 40.35 | 42.03 | 44.22 | 43.72 |
| | 70% | 10.93 | 11.71 | 12.49 | 13.27 | 14.05 | 14.83 | 15.61 | 17.17 | 18.74 | 20.30 | 21.86 | 23.42 | 24.98 | 26.54 | 28.10 | 29.66 | 31.23 | 32.79 | 34.35 | 35.91 | 37.47 | 39.03 | 41.06 | 40.59 |
| | 75% | 10.20 | 10.93 | 11.66 | 12.39 | 13.11 | 13.84 | 14.57 | 16.03 | 17.49 | 18.94 | 20.40 | 21.86 | 23.32 | 24.77 | 26.23 | 27.69 | 29.14 | 30.60 | 32.06 | 33.52 | 34.97 | 36.43 | 38.32 | 37.89 |
| | 80% | 9.56 | 10.25 | 10.93 | 11.61 | 12.30 | 12.98 | 13.66 | 15.03 | 16.39 | 17.76 | 19.13 | 20.49 | 21.86 | 23.22 | 24.59 | 25.96 | 27.32 | 28.69 | 30.05 | 31.42 | 32.79 | 34.15 | 35.93 | 35.52 |
| | 82% | 9.33 | 10.00 | 10.66 | 11.33 | 12.00 | 12.66 | 13.33 | 14.66 | 15.99 | 17.33 | 18.66 | 19.99 | 21.32 | 22.66 | 23.99 | 25.32 | 26.66 | 27.99 | 29.32 | 30.65 | 31.99 | 33.32 | 35.05 | 34.65 |
| | 85% | 9.00 | 9.64 | 10.29 | 10.93 | 11.57 | 12.21 | 12.86 | 14.14 | 15.43 | 16.71 | 18.00 | 19.29 | 20.57 | 21.86 | 23.14 | 24.43 | 25.72 | 27.00 | 28.29 | 29.57 | 30.86 | 32.14 | 33.82 | 33.43 |
| | 90% | 8.50 | 9.11 | 9.71 | 10.32 | 10.93 | 11.54 | 12.14 | 13.36 | 14.57 | 15.79 | 17.00 | 18.21 | 19.43 | 20.64 | 21.86 | 23.07 | 24.29 | 25.50 | 26.72 | 27.93 | 29.14 | 30.36 | 31.94 | 31.57 |
| | 92% | 8.32 | 8.91 | 9.50 | 10.10 | 10.69 | 11.29 | 11.88 | 13.07 | 14.26 | 15.44 | 16.63 | 17.82 | 19.01 | 20.19 | 21.38 | 22.57 | 23.76 | 24.95 | 26.13 | 27.32 | 28.51 | 29.70 | 31.24 | 30.89 |
| | 95% | 8.05 | 8.63 | 9.20 | 9.78 | 10.35 | 10.93 | 11.50 | 12.65 | 13.81 | 14.96 | 16.11 | 17.26 | 18.41 | 19.56 | 20.71 | 21.86 | 23.01 | 24.16 | 25.31 | 26.46 | 27.61 | 28.76 | 30.26 | 29.91 |

***Fuel Oil*** 138,700 **Btu / gallon**

| $ / gal | | $ 1.50 | $ 1.55 | $ 1.60 | $ 1.65 | $ 1.70 | $ 1.80 | $ 1.90 | $ 2.00 | $ 2.10 | $ 2.20 | $ 2.30 | $ 2.40 | $ 2.50 | $ 2.60 | $ 2.70 | $ 2.80 | $ 2.90 | $ 3.00 | $ 3.10 | $ 3.20 | $ 3.30 | $ 3.40 | $ 3.50 | $ 3.60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **AFUE | 55% | 19.66 | 20.32 | 20.97 | 21.63 | 22.28 | 23.60 | 24.91 | 26.22 | 27.53 | 28.84 | 30.15 | 31.46 | 32.77 | 34.08 | 35.39 | 36.70 | 38.02 | 39.33 | 40.64 | 41.95 | 43.26 | 44.57 | 45.88 | 47.19 |
| | 60% | 18.02 | 18.63 | 19.23 | 19.83 | 20.43 | 21.63 | 22.83 | 24.03 | 25.23 | 26.44 | 27.64 | 28.84 | 30.04 | 31.24 | 32.44 | 33.65 | 34.85 | 36.05 | 37.25 | 38.45 | 39.65 | 40.86 | 42.06 | 43.26 |
| | 65% | 16.64 | 17.19 | 17.75 | 18.30 | 18.86 | 19.97 | 21.07 | 22.18 | 23.29 | 24.40 | 25.51 | 26.62 | 27.73 | 28.84 | 29.95 | 31.06 | 32.17 | 33.28 | 34.39 | 35.49 | 36.60 | 37.71 | 38.82 | 39.93 |
| | 70% | 15.45 | 15.96 | 16.48 | 16.99 | 17.51 | 18.54 | 19.57 | 20.60 | 21.63 | 22.66 | 23.69 | 24.72 | 25.75 | 26.78 | 27.81 | 28.84 | 29.87 | 30.90 | 31.93 | 32.96 | 33.99 | 35.02 | 36.05 | 37.08 |
| | 75% | 14.42 | 14.90 | 15.38 | 15.86 | 16.34 | 17.30 | 18.26 | 19.23 | 20.19 | 21.15 | 22.11 | 23.07 | 24.03 | 24.99 | 25.96 | 26.92 | 27.88 | 28.84 | 29.80 | 30.76 | 31.72 | 32.68 | 33.65 | 34.61 |
| | 80% | 13.52 | 13.97 | 14.42 | 14.87 | 15.32 | 16.22 | 17.12 | 18.02 | 18.93 | 19.83 | 20.73 | 21.63 | 22.53 | 23.43 | 24.33 | 25.23 | 26.14 | 27.04 | 27.94 | 28.84 | 29.74 | 30.64 | 31.54 | 32.44 |
| | 82% | 13.19 | 13.63 | 14.07 | 14.51 | 14.95 | 15.83 | 16.71 | 17.58 | 18.46 | 19.34 | 20.22 | 21.10 | 21.98 | 22.86 | 23.74 | 24.62 | 25.50 | 26.38 | 27.26 | 28.14 | 29.02 | 29.89 | 30.77 | 31.65 |
| | 85% | 12.72 | 13.15 | 13.57 | 14.00 | 14.42 | 15.27 | 16.12 | 16.96 | 17.81 | 18.66 | 19.51 | 20.36 | 21.21 | 22.05 | 22.90 | 23.75 | 24.60 | 25.45 | 26.29 | 27.14 | 27.99 | 28.84 | 29.69 | 30.54 |
| | 90% | 12.02 | 12.42 | 12.82 | 13.22 | 13.62 | 14.42 | 15.22 | 16.02 | 16.82 | 17.62 | 18.43 | 19.23 | 20.03 | 20.83 | 21.63 | 22.43 | 23.23 | 24.03 | 24.83 | 25.63 | 26.44 | 27.24 | 28.04 | 28.84 |
| | 92% | 11.76 | 12.15 | 12.54 | 12.93 | 13.32 | 14.11 | 14.89 | 15.67 | 16.46 | 17.24 | 18.02 | 18.81 | 19.59 | 20.38 | 21.16 | 21.94 | 22.73 | 23.51 | 24.29 | 25.08 | 25.86 | 26.64 | 27.43 | 28.21 |
| | 95% | 11.38 | 11.76 | 12.14 | 12.52 | 12.90 | 13.66 | 14.42 | 15.18 | 15.94 | 16.70 | 17.46 | 18.21 | 18.97 | 19.73 | 20.49 | 21.25 | 22.01 | 22.77 | 23.53 | 24.29 | 25.04 | 25.80 | 26.56 | 27.32 |

***C.O.P - Co-efficient of Performance**
****AFUE - Annual Fuel Utilization Efficiency**

# Cost Per Million BTU's (continued)

***Electricity*** 3,413 **Btu / kWh**

| 8 $/ kWh | $ 0.155 | $0.160 | $0.165 | $0.170 | $0.175 | $0.180 | $0.185 | $0.190 | $0.195 | $0.200 | $0.205 | $0.210 | $0.215 | $0.220 | $0.225 | $0.230 | $0.235 | $0.240 | $0.250 | $0.260 | $0.270 | $0.280 | $0.290 | $0.300 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *C.O.P 82% | 55.38 | 57.17 | 58.96 | 60.74 | 62.53 | 64.32 | 66.10 | 67.89 | 69.68 | 71.46 | 73.25 | 75.04 | 76.82 | 78.61 | 80.40 | 82.18 | 83.97 | 85.76 | 89.33 | 92.90 | 96.47 | 100.05 | 103.62 | 107.19 |
| 85% | 53.43 | 55.15 | 56.88 | 58.60 | 60.32 | 62.05 | 63.77 | 65.49 | 67.22 | 68.94 | 70.66 | 72.39 | 74.11 | 75.83 | 77.56 | 79.28 | 81.01 | 82.73 | 86.18 | 89.62 | 93.07 | 96.52 | 99.96 | 103.41 |
| 86% | 52.81 | 54.51 | 56.21 | 57.92 | 59.62 | 61.33 | 63.03 | 64.73 | 66.44 | 68.14 | 69.84 | 71.55 | 73.25 | 74.95 | 76.66 | 78.36 | 80.06 | 81.77 | 85.17 | 88.58 | 91.99 | 95.39 | 98.80 | 102.21 |
| 92% | 49.36 | 50.96 | 52.55 | 54.14 | 55.73 | 57.33 | 58.92 | 60.51 | 62.10 | 63.70 | 65.29 | 66.88 | 68.47 | 70.06 | 71.66 | 73.25 | 74.84 | 76.43 | 79.62 | 82.80 | 85.99 | 89.17 | 92.36 | 95.54 |
| 100% | 45.41 | 46.88 | 48.34 | 49.81 | 51.27 | 52.74 | 54.20 | 55.67 | 57.13 | 58.60 | 60.06 | 61.53 | 62.99 | 64.46 | 65.92 | 67.39 | 68.85 | 70.32 | 73.25 | 76.18 | 79.11 | 82.04 | 84.97 | 87.90 |
| 150% | 30.28 | 31.25 | 32.23 | 33.21 | 34.18 | 35.16 | 36.14 | 37.11 | 38.09 | 39.07 | 40.04 | 41.02 | 42.00 | 42.97 | 43.95 | 44.93 | 45.90 | 46.88 | 48.83 | 50.79 | 52.74 | 54.69 | 56.65 | 58.60 |
| 200% | 22.71 | 23.44 | 24.17 | 24.90 | 25.64 | 26.37 | 27.10 | 27.83 | 28.57 | 29.30 | 30.03 | 30.76 | 31.50 | 32.23 | 32.96 | 33.69 | 34.43 | 35.16 | 36.62 | 38.09 | 39.55 | 41.02 | 42.48 | 43.95 |
| 250% | 18.17 | 18.75 | 19.34 | 19.92 | 20.51 | 21.10 | 21.68 | 22.27 | 22.85 | 23.44 | 24.03 | 24.61 | 25.20 | 25.78 | 26.37 | 26.96 | 27.54 | 28.13 | 29.30 | 30.47 | 31.64 | 32.82 | 33.99 | 35.16 |
| 275% | 16.51 | 17.05 | 17.58 | 18.11 | 18.65 | 19.18 | 19.71 | 20.24 | 20.78 | 21.31 | 21.84 | 22.37 | 22.91 | 23.44 | 23.97 | 24.51 | 25.04 | 25.57 | 26.64 | 27.70 | 28.77 | 29.83 | 30.90 | 31.96 |
| 300% | 15.14 | 15.63 | 16.11 | 16.60 | 17.09 | 17.58 | 18.07 | 18.56 | 19.04 | 19.53 | 20.02 | 20.51 | 21.00 | 21.49 | 21.97 | 22.46 | 22.95 | 23.44 | 24.42 | 25.39 | 26.37 | 27.35 | 28.32 | 29.30 |
| 325% | 13.97 | 14.42 | 14.88 | 15.33 | 15.78 | 16.23 | 16.68 | 17.13 | 17.58 | 18.03 | 18.48 | 18.93 | 19.38 | 19.83 | 20.28 | 20.74 | 21.19 | 21.64 | 22.54 | 23.44 | 24.34 | 25.24 | 26.14 | 27.05 |
| 350% | 12.98 | 13.39 | 13.81 | 14.23 | 14.65 | 15.07 | 15.49 | 15.91 | 16.32 | 16.74 | 17.16 | 17.58 | 18.00 | 18.42 | 18.84 | 19.25 | 19.67 | 20.09 | 20.93 | 21.77 | 22.60 | 23.44 | 24.28 | 25.11 |
| 375% | 12.11 | 12.50 | 12.89 | 13.28 | 13.67 | 14.06 | 14.45 | 14.85 | 15.24 | 15.63 | 16.02 | 16.41 | 16.80 | 17.19 | 17.58 | 17.97 | 18.36 | 18.75 | 19.53 | 20.31 | 21.10 | 21.88 | 22.66 | 23.44 |
| 400% | 11.35 | 11.72 | 12.09 | 12.45 | 12.82 | 13.18 | 13.55 | 13.92 | 14.28 | 14.65 | 15.02 | 15.38 | 15.75 | 16.11 | 16.48 | 16.85 | 17.21 | 17.58 | 18.31 | 19.04 | 19.78 | 20.51 | 21.24 | 21.97 |

***Natural Gas*** 100,000 **Btu / therm**

| $ / ccf | $ 1.35 | $ 1.40 | $ 1.45 | $ 1.50 | $ 1.55 | $ 1.60 | $ 1.65 | $ 1.70 | $ 1.75 | $ 1.80 | $ 1.85 | $ 1.90 | $ 1.95 | $ 2.00 | $ 2.05 | $ 2.10 | $ 2.15 | $ 2.20 | $ 2.25 | $ 2.30 | $ 2.35 | $ 2.40 | $ 2.45 | $ 2.50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **AFUE 55% | 24.55 | 25.45 | 26.36 | 27.27 | 28.18 | 29.09 | 30.00 | 30.91 | 31.82 | 32.73 | 33.64 | 34.55 | 35.45 | 36.36 | 37.27 | 38.18 | 39.09 | 40.00 | 40.91 | 41.82 | 42.73 | 43.64 | 44.55 | 45.45 |
| 60% | 22.50 | 23.33 | 24.17 | 25.00 | 25.83 | 26.67 | 27.50 | 28.33 | 29.17 | 30.00 | 30.83 | 31.67 | 32.50 | 33.33 | 34.17 | 35.00 | 35.83 | 36.67 | 37.50 | 38.33 | 39.17 | 40.00 | 40.83 | 41.67 |
| 65% | 20.77 | 21.54 | 22.31 | 23.08 | 23.85 | 24.62 | 25.38 | 26.15 | 26.92 | 27.69 | 28.46 | 29.23 | 30.00 | 30.77 | 31.54 | 32.31 | 33.08 | 33.85 | 34.62 | 35.38 | 36.15 | 36.92 | 37.69 | 38.46 |
| 70% | 19.29 | 20.00 | 20.71 | 21.43 | 22.14 | 22.86 | 23.57 | 24.29 | 25.00 | 25.71 | 26.43 | 27.14 | 27.86 | 28.57 | 29.29 | 30.00 | 30.71 | 31.43 | 32.14 | 32.86 | 33.57 | 34.29 | 35.00 | 35.71 |
| 75% | 18.00 | 18.67 | 19.33 | 20.00 | 20.67 | 21.33 | 22.00 | 22.67 | 23.33 | 24.00 | 24.67 | 25.33 | 26.00 | 26.67 | 27.33 | 28.00 | 28.67 | 29.33 | 30.00 | 30.67 | 31.33 | 32.00 | 32.67 | 33.33 |
| 80% | 16.88 | 17.50 | 18.13 | 18.75 | 19.38 | 20.00 | 20.63 | 21.25 | 21.88 | 22.50 | 23.13 | 23.75 | 24.38 | 25.00 | 25.63 | 26.25 | 26.88 | 27.50 | 28.13 | 28.75 | 29.38 | 30.00 | 30.63 | 31.25 |
| 82% | 16.46 | 17.07 | 17.68 | 18.29 | 18.90 | 19.51 | 20.12 | 20.73 | 21.34 | 21.95 | 22.56 | 23.17 | 23.78 | 24.39 | 25.00 | 25.61 | 26.22 | 26.83 | 27.44 | 28.05 | 28.66 | 29.27 | 29.88 | 30.49 |
| 85% | 15.88 | 16.47 | 17.06 | 17.65 | 18.24 | 18.82 | 19.41 | 20.00 | 20.59 | 21.18 | 21.76 | 22.35 | 22.94 | 23.53 | 24.12 | 24.71 | 25.29 | 25.88 | 26.47 | 27.06 | 27.65 | 28.24 | 28.82 | 29.41 |
| 90% | 15.00 | 15.56 | 16.11 | 16.67 | 17.22 | 17.78 | 18.33 | 18.89 | 19.44 | 20.00 | 20.56 | 21.11 | 21.67 | 22.22 | 22.78 | 23.33 | 23.89 | 24.44 | 25.00 | 25.56 | 26.11 | 26.67 | 27.22 | 27.78 |
| 92% | 14.67 | 15.22 | 15.76 | 16.30 | 16.85 | 17.39 | 17.93 | 18.48 | 19.02 | 19.57 | 20.11 | 20.65 | 21.20 | 21.74 | 22.28 | 22.83 | 23.37 | 23.91 | 24.46 | 25.00 | 25.54 | 26.09 | 26.63 | 27.17 |
| 95% | 14.21 | 14.74 | 15.26 | 15.79 | 16.32 | 16.84 | 17.37 | 17.89 | 18.42 | 18.95 | 19.47 | 20.00 | 20.53 | 21.05 | 21.58 | 22.11 | 22.63 | 23.16 | 23.68 | 24.21 | 24.74 | 25.26 | 25.79 | 26.32 |

***Propane*** 91,500 **Btu / gallon**

| $ / gal | $ 2.70 | $ 2.80 | $ 2.90 | $ 3.00 | $ 3.10 | $ 3.20 | $ 3.30 | $ 3.40 | $ 3.50 | $ 3.60 | $ 3.70 | $ 3.80 | $ 3.90 | $ 4.00 | $ 4.10 | $ 4.20 | $ 4.30 | $ 4.40 | $ 4.50 | $ 4.60 | $ 4.70 | $ 4.80 | $ 4.90 | $ 5.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **AFUE 55% | 53.65 | 55.64 | 57.63 | 59.61 | 61.60 | 63.59 | 65.57 | 67.56 | 69.55 | 71.54 | 73.52 | 75.51 | 77.50 | 79.48 | 81.47 | 83.46 | 85.44 | 87.43 | 89.42 | 91.41 | 93.39 | 95.38 | 97.37 | 99.35 |
| 60% | 49.18 | 51.00 | 52.82 | 54.64 | 56.47 | 58.29 | 60.11 | 61.93 | 63.75 | 65.57 | 67.40 | 69.22 | 71.04 | 72.86 | 74.68 | 76.50 | 78.32 | 80.15 | 81.97 | 83.79 | 85.61 | 87.43 | 89.25 | 91.07 |
| 65% | 45.40 | 47.08 | 48.76 | 50.44 | 52.12 | 53.80 | 55.49 | 57.17 | 58.85 | 60.53 | 62.21 | 63.89 | 65.57 | 67.26 | 68.94 | 70.62 | 72.30 | 73.98 | 75.66 | 77.34 | 79.02 | 80.71 | 82.39 | 84.07 |
| 70% | 42.15 | 43.72 | 45.28 | 46.84 | 48.40 | 49.96 | 51.52 | 53.08 | 54.64 | 56.21 | 57.77 | 59.33 | 60.89 | 62.45 | 64.01 | 65.57 | 67.14 | 68.70 | 70.26 | 71.82 | 73.38 | 74.94 | 76.50 | 78.06 |
| 75% | 39.34 | 40.80 | 42.26 | 43.72 | 45.17 | 46.63 | 48.09 | 49.54 | 51.00 | 52.46 | 53.92 | 55.37 | 56.83 | 58.29 | 59.74 | 61.20 | 62.66 | 64.12 | 65.57 | 67.03 | 68.49 | 69.95 | 71.40 | 72.86 |
| 80% | 36.89 | 38.25 | 39.62 | 40.98 | 42.35 | 43.72 | 45.08 | 46.45 | 47.81 | 49.18 | 50.55 | 51.91 | 53.28 | 54.64 | 56.01 | 57.38 | 58.74 | 60.11 | 61.48 | 62.84 | 64.21 | 65.57 | 66.94 | 68.31 |
| 82% | 35.99 | 37.32 | 38.65 | 39.98 | 41.32 | 42.65 | 43.98 | 45.32 | 46.65 | 47.98 | 49.31 | 50.65 | 51.98 | 53.31 | 54.64 | 55.98 | 57.31 | 58.64 | 59.98 | 61.31 | 62.64 | 63.97 | 65.31 | 66.64 |
| 85% | 34.72 | 36.00 | 37.29 | 38.57 | 39.86 | 41.14 | 42.43 | 43.72 | 45.00 | 46.29 | 47.57 | 48.86 | 50.14 | 51.43 | 52.72 | 54.00 | 55.29 | 56.57 | 57.86 | 59.14 | 60.43 | 61.72 | 63.00 | 64.29 |
| 90% | 32.79 | 34.00 | 35.22 | 36.43 | 37.64 | 38.86 | 40.07 | 41.29 | 42.50 | 43.72 | 44.93 | 46.14 | 47.36 | 48.57 | 49.79 | 51.00 | 52.22 | 53.43 | 54.64 | 55.86 | 57.07 | 58.29 | 59.50 | 60.72 |
| 92% | 32.07 | 33.26 | 34.45 | 35.64 | 36.83 | 38.01 | 39.20 | 40.39 | 41.58 | 42.77 | 43.95 | 45.14 | 46.33 | 47.52 | 48.71 | 49.89 | 51.08 | 52.27 | 53.46 | 54.64 | 55.83 | 57.02 | 58.21 | 59.40 |
| 95% | 31.06 | 32.21 | 33.36 | 34.51 | 35.66 | 36.81 | 37.96 | 39.11 | 40.26 | 41.42 | 42.57 | 43.72 | 44.87 | 46.02 | 47.17 | 48.32 | 49.47 | 50.62 | 51.77 | 52.92 | 54.07 | 55.22 | 56.37 | 57.52 |

***Fuel Oil*** 138,700 **Btu / gallon**

| $ / gal | $ 3.70 | $ 3.80 | $ 3.90 | $ 4.00 | $ 4.10 | $ 4.20 | $ 4.30 | $ 4.40 | $ 4.50 | $ 4.60 | $ 4.70 | $ 4.80 | $ 4.90 | $ 5.00 | $ 5.20 | $ 5.40 | $ 5.60 | $ 5.80 | $ 6.00 | $ 6.20 | $ 6.40 | $ 6.60 | $ 6.80 | $ 7.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **AFUE 55% | 48.50 | 49.81 | 51.12 | 52.43 | 53.75 | 55.06 | 56.37 | 57.68 | 58.99 | 60.30 | 61.61 | 62.92 | 64.23 | 65.54 | 68.17 | 70.79 | 73.41 | 76.03 | 78.65 | 81.27 | 83.90 | 86.52 | 89.14 | 91.76 |
| 60% | 44.46 | 45.66 | 46.86 | 48.07 | 49.27 | 50.47 | 51.67 | 52.87 | 54.07 | 55.28 | 56.48 | 57.68 | 58.88 | 60.08 | 62.48 | 64.89 | 67.29 | 69.69 | 72.10 | 74.50 | 76.90 | 79.31 | 81.71 | 84.11 |
| 65% | 41.04 | 42.15 | 43.26 | 44.37 | 45.48 | 46.59 | 47.70 | 48.80 | 49.91 | 51.02 | 52.13 | 53.24 | 54.35 | 55.46 | 57.68 | 59.90 | 62.12 | 64.33 | 66.55 | 68.77 | 70.99 | 73.21 | 75.43 | 77.64 |
| 70% | 38.11 | 39.14 | 40.17 | 41.20 | 42.23 | 43.26 | 44.29 | 45.32 | 46.35 | 47.38 | 48.41 | 49.44 | 50.47 | 51.50 | 53.56 | 55.62 | 57.68 | 59.74 | 61.80 | 63.86 | 65.92 | 67.98 | 70.04 | 72.10 |
| 75% | 35.57 | 36.53 | 37.49 | 38.45 | 39.41 | 40.37 | 41.34 | 42.30 | 43.26 | 44.22 | 45.18 | 46.14 | 47.10 | 48.07 | 49.99 | 51.91 | 53.83 | 55.76 | 57.68 | 59.60 | 61.52 | 63.45 | 65.37 | 67.29 |
| 80% | 33.35 | 34.25 | 35.15 | 36.05 | 36.95 | 37.85 | 38.75 | 39.65 | 40.56 | 41.46 | 42.36 | 43.26 | 44.16 | 45.06 | 46.86 | 48.67 | 50.47 | 52.27 | 54.07 | 55.88 | 57.68 | 59.48 | 61.28 | 63.09 |
| 82% | 32.53 | 33.41 | 34.29 | 35.17 | 36.05 | 36.93 | 37.81 | 38.69 | 39.57 | 40.45 | 41.32 | 42.20 | 43.08 | 43.96 | 45.72 | 47.48 | 49.24 | 51.00 | 52.75 | 54.51 | 56.27 | 58.03 | 59.79 | 61.55 |
| 85% | 31.38 | 32.23 | 33.08 | 33.93 | 34.78 | 35.62 | 36.47 | 37.32 | 38.17 | 39.02 | 39.87 | 40.71 | 41.56 | 42.41 | 44.11 | 45.80 | 47.50 | 49.20 | 50.89 | 52.59 | 54.29 | 55.98 | 57.68 | 59.37 |
| 90% | 29.64 | 30.44 | 31.24 | 32.04 | 32.84 | 33.65 | 34.45 | 35.25 | 36.05 | 36.85 | 37.65 | 38.45 | 39.25 | 40.05 | 41.66 | 43.26 | 44.86 | 46.46 | 48.07 | 49.67 | 51.27 | 52.87 | 54.47 | 56.08 |
| 92% | 29.00 | 29.78 | 30.56 | 31.35 | 32.13 | 32.91 | 33.70 | 34.48 | 35.27 | 36.05 | 36.83 | 37.62 | 38.40 | 39.18 | 40.75 | 42.32 | 43.89 | 45.45 | 47.02 | 48.59 | 50.16 | 51.72 | 53.29 | 54.86 |
| 95% | 28.08 | 28.84 | 29.60 | 30.36 | 31.12 | 31.87 | 32.63 | 33.39 | 34.15 | 34.91 | 35.67 | 36.43 | 37.19 | 37.95 | 39.46 | 40.98 | 42.50 | 44.02 | 45.54 | 47.05 | 48.57 | 50.09 | 51.61 | 53.12 |

***C.O.P - Co-efficient of Performance**
****AFUE - Annual Fuel Utilization Efficiency**