Cost savings: Wood pellets vs. oil & propane

Premium Wood Pellets

$/ton

#2 Heating Oil $/Gallon	$180	$190	$200	$210	$220	$230	$240	$250	$260	$270	$280
$3.250	-52%	-50%	-47%	-44%	-42%	-39%	-36%	-34%	-31%	-28%	-26%
$3.375	-54%	-51%	-49%	-46%	-44%	-41%	-39%	-36%	-34%	-31%	-28%
$3.500	-56%	-53%	-51%	-48%	-46%	-43%	-41%	-38%	-36%	-33%	-31%
$3.625	-57%	-55%	-52%	-50%	-48%	-45%	-43%	-41%	-38%	-36%	-33%
$3.750	-59%	-56%	-54%	-52%	-49%	-47%	-45%	-43%	-40%	-38%	-36%
$3.875	**-60%**	-58%	-56%	-53%	-51%	-49%	-47%	-44%	-42%	-40%	-38%
$4.000	**-61%**	-59%	-57%	-55%	-53%	-50%	-48%	-46%	-44%	-42%	-40%
$4.125	**-62%**	**-60%**	-58%	-56%	-54%	-52%	-50%	-48%	-46%	-44%	-41%
$4.250	**-63%**	**-61%**	-59%	-57%	-55%	-53%	-51%	-49%	-47%	-45%	-43%
$4.375	**-65%**	**-63%**	**-61%**	-59%	-57%	-55%	-53%	-51%	-49%	-47%	-45%
$4.500	**-66%**	**-64%**	**-62%**	**-60%**	-58%	-56%	-54%	-52%	-50%	-48%	-46%

Propane $/Gallon											
$2.500	-59%	-56%	-54%	-52%	-49%	-47%	-45%	-43%	-40%	-38%	-36%
$2.625	**-61%**	-58%	-56%	-54%	-52%	-50%	-47%	-45%	-43%	-41%	-39%
$2.750	**-62%**	**-60%**	-58%	-56%	-54%	-52%	-50%	-48%	-46%	-44%	-41%
$2.875	**-64%**	**-62%**	**-60%**	-58%	-56%	-54%	-52%	-50%	-48%	-46%	-44%
$3.000	**-66%**	**-64%**	**-62%**	**-60%**	-58%	-56%	-54%	-52%	-50%	-48%	-46%
$3.125	**-67%**	**-65%**	**-63%**	**-61%**	**-60%**	-58%	-56%	-54%	-52%	-50%	-49%
$3.250	**-68%**	**-66%**	**-65%**	**-63%**	**-61%**	-59%	-58%	-56%	-54%	-52%	-50%
$3.375	**-69%**	**-68%**	**-66%**	**-64%**	**-63%**	**-61%**	-59%	-57%	-56%	-54%	-52%
$3.500	**-70%**	**-69%**	**-67%**	**-66%**	**-64%**	**-62%**	**-61%**	-59%	-57%	-56%	-54%
$3.625	**-71%**	**-70%**	**-68%**	**-67%**	**-65%**	**-64%**	**-62%**	**-60%**	-59%	-57%	-56%
$3.750	**-72%**	**-71%**	**-69%**	**-68%**	**-66%**	**-65%**	**-63%**	**-62%**	**-60%**	-59%	-57%

Legend

Pellet savings:	**60% +**	50-59%	40-49%	1-39%

Figures show approximate percentage savings in fuel costs if current fuel is replaced by pellets.

Assumptions; #2 heating oil = 138,000 BTU/gallon, Propane = 91,500 BTU/gallon, Premium wood pellets = 8,000 BTU/pound.

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This table shows how much less expensive wood pellets are compared to oil and propane, for an equivalent amount of energy.

For example, with wood pellets at $230/ton, and oil at $4.00/gallon, homeowners using 1000 gallons of oil would expect to save approximatel 50% on their fuel bill, totaling $2,000 [1000 gallons x $4.00 x 50% = $2,000 saved].

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