

## Alternate Fuels or Heat Exchanger/Recirculating Systems

Heat Generation & Recovery Applications									
County	Project Value	Grant Amount	Water	Waste Water	Waste	Natural Gas	Fuel Oil	Resource Reduction	% Savings (Est.)
Westmoreland	\$300,000	\$7,500	\$6,000	\$15,000		\$50,000			52
Adams	\$30,180	\$7,500			\$23,520		\$46,800		NA
Lycoming	\$8,000	\$4,000			\$3,207				22
Bradford	\$8,260	\$4,130				\$2,500			84
Beaver	\$7,000	\$3,500				\$3,700			36
McKean	\$16,000	\$7,500	\$1,111 1,922,000gal	\$945 1,922,000gal		\$1,017 1440mcf			37
Perry	\$6,425	\$3,212			\$504		\$1,658		100
Washington	\$5,083	\$1,406				1036			56
Wayne	\$14,240	\$7,120			2,000gal	\$3,500 2,000gal			50
Tioga	\$9,000	\$4,500			\$250		\$800		100
Washington	\$7,250	\$3,550					\$974		38
Westmoreland	\$2,975	\$1,487				\$1,800 176MCF			33
Washington	\$7,168	\$3,584			\$700	\$1,601		\$845 anti-freeze	66
York	\$6,545	\$3,273				\$1,920			76
Snyder	\$5,000	\$2,500					\$2,000		22
Centre	\$25,000	\$7,500			\$1,500	\$2,500			95
		\$72,262							

HEAT GENERATION AND RECOVERY projects involved the use of a mix of fuel including fallen timber, clearcut timber, waste oil, and processed wood-pellet burning stoves to offset the use and cost of electricity, oil, and natural gas. Commercial establishments are implementing applications precluding the cost of waste oil disposal and adding heat recovery and recycling systems to lower conventional fuel demand. Through the use of waste burning equipment, money was also saved on the cost of waste transport offsite, independent of disposal costs.