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Exhaust Fan Summary

The following table provides a baseline summary of the expected energy use for average efficiency exhaust fans, the energy and cost savings if high efficiency fans are installed and the energy and cost savings if high efficiency fans with a thermostats are installed. The greenhouse gas emissions in pounds of CO2 per year are included with the baseline and the estimated reduction in greenhouse gas emissions with the use of high efficiency fans and thermostat controls.

Exhaust Fan Summary						
Fan size (in.)	# of fans	Hours of operation (hrs/yr per fan)	Fan controlled by thermostat?	Estimated Current Energy Use (kWh) / yr	Energy savings with High Eff. Fans (kWh) / yr	Energy savings from adding thermostat* (kWh) / yr
36	1	700	No	501	125	12
Estimated Current Energy Use						
Electrical Energy use			501	kWh / yr		
Btu Equivalent			1,710,596	Btu / yr		
Greenhouse Gas Emissions			829	lbs. CO2 / yr		
Annual Cost			50	\$ / yr		
Estimated energy savings with High Efficiency Fan						
Electrical Energy savings			125	kWh / yr		
Btu Equivalent			425,260	Btu / yr		
Greenhouse Gas Reduction			206	lbs. CO2 / yr		
Cost Savings			12	\$ / yr		
Estimated energy savings from adding thermostat*						
Electrical Energy savings			12	kWh / yr		
Btu Equivalent			467,786	Btu / yr		
Greenhouse Gas Reduction			227	lbs. CO2 / yr		
Cost Savings			1	\$ / yr		

* Assumes 10% energy savings when thermostat is used.