Radon Resistant New Construction (RRNC) Energy Calculations:

Average RRNC Fan*	20 Watts	X	24 hrs	=	480 watt-hours/day
	480 watt-hours/day	X	7 days/wk	=	3360 watt-hours/wk
	3360 watt-hours/wk	÷	1000 watts/kilowatt	=	3.36 kwh/wk
	3.36 kwh/wk	X	$0.07 /kwh	=	**$0.24/wk**
	$0.24 /wk	X	4.25 wk/mo	=	**$1.02/mo**
	$1.02 /mo	X	12 mo/yr	=	**$12.24/yr**

Average Mitigation Fan*	100 Watts	X	24 hrs	=	2400 watt-hours/day
	2400 watt-hours/day	X	7 days/wk	=	16800 watt-hours/wk
	16800 watt-hours/wk	÷	1000 watts/kilowatt	=	16.8 kwh/wk
	16.8 kwh/wk	X	$0.07 /kwh	=	**$1.15/wk**
	$1.15 /wk	X	4.25 wk/mo	=	**$4.87/mo**
	$4.87 /mo	X	12 mo/yr	=	**$58.44/yr**

Average TV with Power OFF	10 Watts	X	24 hrs	=	240 watt-hours/day
	240 watt-hours/day	X	7 days/wk	=	1680 watt-hours/wk
	1680 watt-hours/wk	÷	1000 watts/kilowatt	=	1.68 kwh/wk
	1.68 kwh/wk	X	$0.07 /kwh	=	**$0.11/wk**
	$0.11 /wk	X	4.25 wk/mo	=	**$0.49/mo**
	$0.49 /mo	X	12 mo/yr	=	**$5.84/yr**

Average Computer Left ON	135 Watts	X	24 hrs	=	3240 watt-hours/day
	3240 watt-hours/day	X	7 days/wk	=	22680 watt-hours/wk
	22680 watt-hours/wk	÷	1000 watts/kilowatt	=	22.68 kwh/wk
	22.68 kwh/wk	X	$0.07 /kwh	=	**$1.55/wk**
	$1.55 /wk	X	4.25 wk/mo	=	**$6.57/mo**
	$6.57 /mo	X	12 mo/yr	=	**$78.90/yr**

* The difference in fan size is due to the gravel required in the RRNC building practices.

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