

Projector Cost Saving Chart

Cost/kWh	\$0.19	Consumption of 1 projectors on for 24 hours a day at a cost of 0.19 per kWh							
# of Projectors	1								
Hours on per day	24								
Wattage	290	kWh/day	kWh/year	\$/day	\$/week	\$/year	Co2/Tons	Forrested/Acre	
		6.96	2540.4	\$1.32	\$9.26	\$482.68	2	0	
Hours on per day	8	Consumption of 1 projector on for 8 hours a day at a cost of 0.19 per kWh							
		kWh/day	kWh/year	\$/day	\$/week	\$/year	Co2/Tons	Forrested/Acre	
		2.32	846.8	\$0.44	\$3.09	\$160.89	1	0	
These are the savings based upon your figures above!!		Savings of 1 projector on for 8 hours a day at a cost of 0.19 per kWh							
		kWh/day	kWh/year	\$/day	\$/week	\$/year	Co2/Tons	Forrested/Acre	
		4.64	1693.6	\$0.88	\$6.17	\$321.78	1	0	

Please Note:

This calculation chart is based on power consumption alone and does not take into consideration other cost savings eg:

1. Reduced lamp usage and therefore lamp replacement cost
2. Labour charge for lamp replacement and projector servicing

Combined with saving from power consumption this will offer considerable cost savings.

Example;

1 x Projector left on 3 x times per week = extra 42hrs lamp usage
 42 x 36 teaching weeks = **1512 extra lamp hours** (Half of the lamps life)

In other words, a projector left on overnight just 3 times a week will reduce your lamp life by half. This does not include any additional savings you achieve throughout the day.

Not only will a control system offer ease of use, but combined with the auto shut down feature can result in the following cost savings:

- Power Consumption = \$85.00 per year, per projector
- Lamp Replacement = \$500.00 per year, per projector
- Servicing Labour = \$250.00 per year, per projector

Total Potential cost saving = \$835.00 Per Year, Per Projector

Multiply by 10 x Systems within a school and this equates to a massive **\$8,350.00 yearly saving.**



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\$\$\$ SAVINGS