Out-of-hours checklist

Complete the following checklist to determine how much unnecessary out-of-hours electricity use could be costing.

Out-of-hours checklist

Meter:		Date of reading:		Carried out by:	

Overnight consumption

Electricity meter reading (PM)	a		kWh
Electricity meter reading (AM)	b		kWh
Hours between meter readings	c		Hours
Overnight consumption	d	b-a	kWh

Expected overnight consumption

Necessary equipment left on overnight:

		Power rating in watts	
e.g.	Intruder alarm		
1		1	W
2		2	W
3		3	W
4		4	W
5		5	W
6		6	W
7		7	W
8		8	W
9		9	W
10		10	W

Total power of necessary equipment	e		Sum 1 to 10 above W
Necessary overnight consumption	f		(e/100)Xc kWh

Cost of unnecessary overnight consumption

Unnecessary equipment being left on	g	d-f	kWh
Electricity price per kWh – from bill	h		p
Cost of unnecessary overnight electrical use	j	$\frac{(hXg)}{100}$	
Predicted annual energy cost of unnecessary out-of-hours energy use*	k	(j/c)X7200 hours	

*Note 7,200 hours derived from total number of hours a year (24x365) of 8,760, minus a 39-week school year with 8 hours a day, 5 days a week occupation (39x8x5) - 1,560 hours. Assumes equipment is left on during weekends and holiday periods as well as overnight.