

Reducing Home Energy Use with the Check-It-Out! Home Energy and Water Saving Handbook

PLUG LOAD

Refer to action 1
in the handbook
on how to use
kill-a-watt meter

Refer to page 4 in
the handbook on
how to locate your
electric utility
rate

Device	Watts	kW	Hours	kWh	Days	kWh/year	Cost/kWh	Cost/ year
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EXAMPLE

T.V.	Sleep Mode /Off:	$3 \div 1000 = 0.003$	X	16	,	0.048	X	365	=	17.52	X	\$0.19	=	\$3.32
	On:	$28 \div 1000 = 0.028$	X	8	,	0.224	X	365	=	81.76	X	\$0.19	=	\$15.53

Sleep Mode /Off:	$\div 1000 =$	X	,	X	365	=	X	=
On:	$\div 1000 =$	X	,	X	365	=	X	=

Sleep Mode /Off:	$\div 1000 =$	X	,	X	365	=	X	=
On:	$\div 1000 =$	X	,	X	365	=	X	=

Sleep Mode /Off:	$\div 1000 =$	X	,	X	365	=	X	=
On:	$\div 1000 =$	X	,	X	365	=	X	=

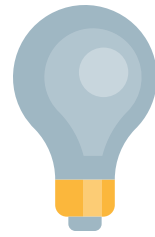
Sleep Mode /Off:	$\div 1000 =$	X	,	X	365	=	X	=
On:	$\div 1000 =$	X	,	X	365	=	X	=

To calculate electricity savings (devices unplugged or shut off with power strip), enter '0' for hours off

Total electricity in kWh consumed per year =

Total electricity cost per year =

LIGHTING



The type of bulb may impact final savings

Old bulb (watts)	-	New bulb (watts)	=	Watts saved	X	Time used (hrs/day)	X	365	=	Savings (kWh/Year)
_____	-	_____	=	_____	X	_____	X	365	=	_____
_____	-	_____	=	_____	X	_____	X	365	=	_____
_____	-	_____	=	_____	X	_____	X	365	=	_____
_____	-	_____	=	_____	X	_____	X	365	=	_____
_____	-	_____	=	_____	X	_____	X	365	=	_____

Use your electric rate calculate savings per year

Total kWh Savings/Year

X

\$/kWh

=

Total cost savings/Year

Reducing Water Use

Refer to action 8A for showerhead instructions and 8B for faucet

SHOWERHEAD

	GPM Before	GPM After	Saved	Daily Use (min)	Days	GPM saved/ year
Bathroom 1	-	2.0	=	X	X 365	=
Bathroom 2	-	2.0	=	X	X 365	=

FAUCET AERATOR

	GPM Before	GPM After	Saved	Daily Use (min)	Days	GPM saved/ year
Kitchen	-	1.5	=	X	X 365	=
Bathroom 1	-	0.5	=	X	X 365	=
Bathroom 2	-	0.5	=	X	X 365	=

Total gallons saved =

Use your water bill to find your rate per gallon

Cost of water/gallon

Total gallons saved

X

=

Cost of Water Savings



Total Household Savings

Cost savings in electricity

\$

Total electricity saved

kWh

Gallons of water saved

GPM/ year

Cost savings in water

\$

