

PHANTOM LOAD PHANTOM LOAD PHANTOM LOAD

Also called standby power, phantom load refers to the electricity consumed by electronic appliances while they are switched off or in a standby mode.

Many household appliances are never fully switched off, but spend most of the time in a standby mode. A Lawrence Berkeley National Laboratory study estimated that standby power consumption accounted for approximately 5% of total residential electricity consumption in America.

To calculate how much these standby power devices add to your electricity usage – and your energy bill – multiply the number of the appliances you have by the annual cost.

APPLIANCE	AVERAGE ANNUAL ENERGY USE IN STANDBY MODE	AVERAGE ANNUAL COST	NUMBER OF APPLIANCES IN YOUR HOME	YOUR ANNUAL COST
Computer	16	\$1.46		
Computer Printer (ink jet)	70	\$6.39		
Clock Radio	18	\$1.64		
Garage Door Opener	24	\$2.19		
Microwave Oven	26	\$2.37		
Computer Router / Modem	16	\$1.46		
Stereo/Surround Sound	128	\$11.68		
VCR/DVD Players	59	\$5.38		
Cable/Satellite Boxes	128	\$11.68		
CRT TV (27")	26	\$2.37		
LCD TV (27-40")	123	\$11.22		
Plasma TV (50")	145	\$13.23		
Rear Projection TV (52-65")	186	\$16.97		
TOTAL ANNUAL COST				

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