

## **APPLIANCE ENERGY COSTS**

Costs for average<sup>1</sup> appliance usage on TOD 3 P.M. - 7 P.M.<sup>2</sup>

	Timeframe: Per Hour  Timeframe: Per Alleren  Timefram	kWh	PEAK COST	PEAK COST	OFF-PEAK
	■ Timeframe: Per 4 Hours	USAGE	(OCT-MAY)	(JUN-SEP)	COST
ELECTRONICS	<ul><li>Printer</li></ul>	1.370	\$0.2479	\$0.3069	\$0.2292
	<ul><li>Gaming Console</li></ul>	0.180	\$0.0326	\$0.0403	\$0.0301
	Television (65" LED)	0.640	\$0.1158	\$0.1433	\$0.1071
/ ↔ ♦ \	Desktop Computer w/ Monitor	0.468	\$0.0847	\$0.1048	\$0.0783
	<ul><li>Record Player</li></ul>	0.033	\$0.0060	\$0.0074	\$0.0055
	Laptop	0.100	\$0.0181	\$0.0224	\$0.0167
HOUSEHOLD	Hot Tub	12.160	\$2.2001	\$2.7236	\$2.0346
HOUSEHOLD	<ul><li>Iron</li></ul>	1.100	\$0.1990	\$0.2464	\$0.1841
	<ul><li>Vacuum Cleaner</li></ul>	0.818	\$0.1480	\$0.1832	\$0.1369
्रि≋	<ul><li>Hair Dryer</li></ul>	0.710	\$0.1285	\$0.1590	\$0.1188
	<ul><li>LED Bulb (60W)</li></ul>	0.008	\$0.0014	\$0.0018	\$0.0013
U	<ul><li>Cell Phone Charger</li></ul>	0.004	\$0.0007	\$0.0009	\$0.0007
	<ul><li>Clock</li></ul>	0.003	\$0.0005	\$0.0007	\$0.0005
HVAC	Central Air Conditioner (3.5 ton)	14.00	\$2.5330	\$3.1357	\$2.3425
	Portable Space Heater	6.024	\$1.0899	\$1.3493	\$1.0079
55555	Room Air Conditioner	4.000	\$0.7237	\$0.8959	\$0.6693
	Dehumidifier	2.104	\$0.3807	\$0.4713	\$0.3520
	Air Purifier	0.400	\$0.0724	\$0.0896	\$0.0669
0 0	Ceiling Fan	0.140	\$0.0253	\$0.0314	\$0.0234
	Electric Oven	3.000	\$0.5428	\$0.6719	\$0.5020
KITCHEN	<ul><li>Electric Stove</li></ul>	2.000	\$0.3619	\$0.4480	\$0.3346
	<ul><li>Coffee Maker</li></ul>	1.497	\$0.2709	\$0.3353	\$0.2505
•	<ul><li>Toaster (Oven)</li></ul>	1.277	\$0.2310	\$0.2860	\$0.2137
000	<ul><li>Toaster (Slot)</li></ul>	1.101	\$0.1992	\$0.2466	\$0.1842
	<ul><li>Microwave</li></ul>	1.094	\$0.1979	\$0.2450	\$0.1830
Y	<ul><li>Dishwasher</li></ul>	0.822	\$0.1487	\$0.1841	\$0.1375
	■ Slow Cooker	0.800	\$0.1447	\$0.1792	\$0.1339
	Refrigerator & Freezer	0.256	\$0.0463	\$0.0573	\$0.0428
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LAUNDRY	<ul><li>Clothes Dryer</li></ul>	3.250	\$0.5880	\$0.7279	\$0.5438
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	<ul><li>Clothes Washer</li></ul>	0.900	\$0.1628	\$0.2016	\$0.1506
	olothoo Washel	0.000	<b>\$011020</b>	ψο.Εστο	ψοποσσ
MEDICAL					
MEDICAL	Oxygen Concentrator	1.360	\$0.2461	\$0.3046	\$0.2276
(Sex)					
707	Sleep Apnea Machine (CPAP)	0.224	\$0.0405	\$0.0502	\$0.0375

<sup>&</sup>lt;sup>1</sup>The average hours of use and corresponding appliance wattage used to calculate the energy costs above are sourced from ESource -Powerful Pull Plug Loads. In addition, the Department of Energy- Estimating Appliance Energy Use; EnergySage; and Lawrence Berkley National Laboratory - Residential Energy Use were utilized.

<sup>&</sup>lt;sup>2</sup>Peak hours: from 3-7 p.m. M-F, Off-Peak hours: 20 hours M-F and all weekend

Appliance Power Consumption (Watts) x Length of Time Used (Hours) / 1,000 = kWh Used by Appliance

kWh Used by Appliance x Rate (Peak or Off-Peak)\* = Energy Cost for Appliance

<sup>\*</sup>Stated off-peak and peak base rates include three factors: (1) capacity charges; (2) non-capacity charges; and (3) distribution charges. All other surcharges are not included in the base rate.

kWh - The unit of energy used to measure electricity, equivalent to the amount of electrical energy consumed by a 100-watt lamp burning for ten hours.