DTE

APPLIANCE ENERGY COSTS

Costs for average[1] appliance usage on TOD 3 P.M. - 7 P.M.[2]

● Timeframe: Per Hour
■ Timeframe: Per 4 Hours

		kWh USAGE	PEAK COST (OCT-MAY)	PEAK COST (JUN-SEP)	OFF-PEAK COST
ELECTRONICS	● Printer	1.370	$0.2620	$0.3205	$0.2416
	● Gaming Console	0.180	$0.0344	$0.0421	$0.0317
	■ Television (65" LED)	0.640	$0.1224	$0.1497	$0.1129
	■ Desktop Computer w/ Monitor	0.468	$0.0895	$0.1095	$0.0825
	● Record Player	0.033	$0.0063	$0.0077	$0.0058
	■ Laptop	0.100	$0.0191	$0.0234	$0.0176
HOUSEHOLD	■ Hot Tub	12.160	$2.3255	$2.8447	$2.1444
	● Iron	1.100	$0.2104	$0.2573	$0.1940
	● Vacuum Cleaner	0.818	$0.1564	$0.1914	$0.1443
	● Hair Dryer	0.710	$0.1358	$0.1661	$0.1252
	● LED Bulb (60W)	0.008	$0.0015	$0.0019	$0.0014
	● Cell Phone Charger	0.004	$0.0008	$0.0009	$0.0007
	● Clock	0.003	$0.0006	$0.0007	$0.0005
HVAC	■ Central Air Conditioner (3.5 ton)	14.000	$2.6774	$3.2752	$2.4689
	■ Portable Space Heater	6.024	$1.1520	$1.4093	$1.0623
	■ Room Air Conditioner	4.000	$0.7650	$0.9358	$0.7054
	■ Dehumidifier	2.104	$0.4024	$0.4922	$0.3710
	■ Air Purifier	0.400	$0.0765	$0.0936	$0.0705
	■ Ceiling Fan	0.140	$0.0268	$0.0328	$0.0247
KITCHEN	● Electric Oven	3.000	$0.5737	$0.7018	$0.5291
	● Electric Stove	2.000	$0.3825	$0.4679	$0.3527
	● Coffee Maker	1.497	$0.2863	$0.3502	$0.2640
	● Toaster (Oven)	1.277	$0.2442	$0.2987	$0.2252
	● Toaster (Slot)	1.101	$0.2106	$0.2576	$0.1942
	● Microwave	1.094	$0.2092	$0.2559	$0.1929
	● Dishwasher	0.822	$0.1572	$0.1923	$0.1450
	■ Slow Cooker	0.800	$0.1530	$0.1872	$0.1411
	■ Refrigerator & Freezer	0.256	$0.0490	$0.0599	$0.0451
LAUNDRY	● Clothes Dryer	3.250	$0.6215	$0.7603	$0.5731
	● Clothes Washer	0.900	$0.1721	$0.2105	$0.1587
MEDICAL	■ Oxygen Concentrator	1.360	$0.2601	$0.3182	$0.2398
	■ Sleep Apnea Machine (CPAP)	0.224	$0.0428	$0.0524	$0.0395

[1] 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.

[2] 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

*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.

For more information visit dteenergy.com/rates

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