

Appliance Guide



This guide is identical to the appliance index shown on the electric usage calculator. It also provides additional appliance information for those customers who would like more detail associated with how the appliance usage costs are calculated.

That additional detail includes: 1) Typical wattage values for each appliance, 2) Appliance run time percentages, 3) Average hours of use and 4) Average monthly kWh consumption

Typical Wattage	Percent On Time	Average Hours Used	Average Monthly kWh	Typical Monthly Cost
OPPD's current cost per kWh				\$0.1077

Kitchen

Coffee Maker	900	100	13	12.0	\$1.29
Crock Pot (Slow Cooker)	150	100	16	3	\$0.32
Dishwasher (with dry cycle)	1,200	55	16	11	\$1.18
Electric Fry Pan	1500	100	4	6	\$0.65
Electric Grill (Counter top)	1200	100	8	11	\$1.18
Electric Grill (Outdoor)	1500	100	6	9	\$0.97
Freezer - Upright or Chest-type	450	30	720	97.0	\$10.45
Kitchen Range / Oven	3,500	50	10	20.0	\$2.15
Microwave Oven	1,200	100	15	18.0	\$1.94
Refrigerator - Small (Dorm style - compact model)	126	33	720	30.0	\$3.23
Refrigerator - Medium size (Older model)	650	33	720	155.0	\$16.69
Refrigerator - Medium size (Newer model)	475	33	720	113.0	\$12.17
Refrigerator - Medium size (Newer Side by Side model)	575	33	720	136.0	\$14.65
Toaster Oven	1,500	100	3	4.5	\$0.48

Entertainment

DVR	30	100	720	21.6	\$2.33
Home Theater Receiver	100	100	180	18.0	\$1.94
Radio	15	100	180	2.7	\$0.29
Stereo	75	100	130	10.0	\$1.08
Older TV - (Not a flat screen)	150	100	120	16	\$1.72
Television - 42 inch - LCD (Watt range - 90 W to 250 W)	170	100	180	31.0	\$3.34
Television - 42 inch - Plasma (Watt range - 190 W to 350 W)	270	100	180	49.0	\$5.28
Television - 52 inch - LCD (Watt range - 200 W to 300 W)	250	100	180	45.0	\$4.85
Television - 54 inch - Plasma (Watt range - 250 W to 550 W)	400	100	180	72.0	\$7.75
Television Cable Converter Box	35	100	720	25.0	\$2.69
Video Game - Xbox 360	165	100	100	17.0	\$1.83
Video Game - Sony PlayStation 3 Slim (PS3)-120gb	250	100	100	25.0	\$2.69
Video Game - Sony PlayStation 3 (PS3)-60gb	380	100	100	38.0	\$4.09

Health Appliances

Air Purifier	120	100	720	86.0	\$9.26
Humidifier - Cool Mist	200	100	200	40.0	\$4.31
Humidifier - Warm Mist	384	100	200	77.0	\$8.29
Medical Equipment - Nebulizer	1,035	100	45	47.0	\$5.06
Medical Equipment - Oxygen Concentrator	460	100	720	331.0	\$35.65
Vaporizer	750	100	4	3.0	\$0.32

Typical Wattage	Percent On Time	Average Hours Used	Average Monthly kWh	Typical Monthly Cost
OPPD's current cost per kWh				\$0.1077

Heating & Cooling

Air Conditioner (Window) - 5,000 BTU	500	75	200	75.0	\$8.08
Air Conditioner (Window) - 7,000 BTU	750	75	200	112.0	\$12.06
Air Conditioner (Window) - 10,000 BTU	1,000	75	200	150.0	\$16.16
Electric Blanket	150	50	240	18.0	\$1.94
Fan (Window)	180	100	300	54.0	\$5.82
Fan (Ceiling)	85	100	240	20.0	\$2.15
Heater - Portable - 750 Watt (Constant use as supplemental heat)	750	50	720	270.0	\$29.08
Heater - Portable - 1,000 Watt (Constant use as supplemental heat)	1,000	50	720	360.0	\$38.77
Heater - Portable - 1,500 Watt (Constant use as supplemental heat)	1,500	50	720	540.0	\$58.16
Heating Cable - Roof - 6 Watt (Cost per 100 Ft.)	600	100	720	432.0	\$46.53
Heating Cable - Water Pipes - 3 Watt (Cost per 25 Ft.)	75	100	720	54.0	\$5.82
Water Heater (Electric) - Family of four	4,500	12	720	389.0	\$41.90

Bathroom / Laundry

Clothes Dryer - Family of four	5,500	100	18	99	\$10.66
Clothes Washer - Family of four	1,200	100	16	19.0	\$2.05
Curling Iron	150	100	7.5	2.0	\$0.22
Electric Shaver	15	100	5	1	\$0.11
Hair dryer	1,200	100	2.5	3.0	\$0.32

Office Equipment

Computer with Monitor	270	100	120	32.0	\$3.45
Laptop	75	100	90	7.0	\$0.75
Printer	600	100	3	2	\$0.22
Scanner / FAX	10	100	720	7	\$0.75

Miscellaneous

Fish Tank (50 Gallon)	230	50	720	83.0	\$8.94
Dehumidifier - 40 pint	400	50	720	144.0	\$15.51
Dehumidifier - 65 pint	600	50	720	216.0	\$23.26
Heater - Auto Engine - 500 Watt	500	50	360	90.0	\$9.69
Heater - Auto Engine - 1000 Watt	1,000	50	360	180.0	\$19.39
Water Pump	900	100	43	39.0	\$4.20

Tools & Equipment

Air Compressor - 1 H.P.	1,000	100	20	20.0	\$2.15
Air Compressor - 1/2 H.P.	500	100	20	10.0	\$1.08
Air Compressor - 6 H.P.	6,000	100	20	120	\$12.92
Motor- 1/2 H.P.	500	100	20	10.0	\$1.08
Motor - 1 H.P.	1,000	100	20	20.0	\$2.15

Lighting Inventory:

Count the number of light bulbs based on watts under each lightbulb type.
 Enter the total number of light bulbs for that watt range under the quantity category.
 Enter total hours per day that the lights are on.

	Quantity	Hours / Day	Monthly Cost	Default watts
Incandescent				
40 watt	1	1	\$0.13	40
60 watt	1	1	\$0.19	60
75 watt	1	1	\$0.24	75
100 watt	1	1	\$0.32	100
150 watt	1	1	\$0.48	150
Compact Fluorescent (CFL)				
9 to 13 watts - (Equivalent to a 40 watt incandescent bulb)	1	1	\$0.03	10
13 to 16 watts - (Equivalent to a 60 watt incandescent bulb)	1	1	\$0.05	14
17 to 23 watts - (Equivalent to a 75 watt incandescent bulb)	1	1	\$0.06	20
23 to 30 watts - (Equivalent to a 100 watt incandescent bulb)	1	1	\$0.08	24
30 to 55 watts - (Equivalent to a 150 watt incandescent bulb)	1	1	\$0.14	43
Standard Fluorescent				
32 watt	1	1	\$0.10	32
40 watt	1	1	\$0.13	40
59 watt	1	1	\$0.19	59
60 to 75 watt	1	1	\$0.23	70
Halogen				
40 watt	1	1	\$0.13	40
60 watt	1	1	\$0.19	60
75 watt	1	1	\$0.24	75
100 watt	1	1	\$0.32	100
LED				
6 to 9 watts	1	1	\$0.03	8
8 to 13 watts	1	1	\$0.04	11
16 to 20 watts	1	1	\$0.06	18
25 to 28 watts	1	1	\$0.09	27