

Energy Needs Assessment

Appliance	Qty	Power (Watts)	Totals		
			Daily Use (h)	0.000 Average Daily Energy (kWh/day)	0.000 Power (kW)
Sewing Machine	0	78	0		
Refrigerator/Freezer	0	250	0		
Freezer, Upright	0	330	0		
Freezer, Chest	0	250	0		
Microwave Oven	0	1400	0		
Slow cooker	0	300	0		
Toaster Oven	0	1550	0		
Dishwasher (heated dry)	0	1500	0		
Dishwasher (air dry)	0	200	0		
Coffee Pot	0	1200	0		
Toaster (4-slot)	0	1200	0		
Blender	0	300	0		
Hand Mixer	0	150	0		
Waffle Maker	0	1200	0		
Frying Pan / Electric Griddle	0	1200	0		
Slow Cooker / Crock Pot	0	1200	0		
Computer	0		0		
-- laptop	0	75	0		
-- standard pc & monitor	0	200	0		
-- gaming pc & monitor	0	500	0		
-- printer (inkjet)	0	75	0		
-- DSL / Cable Modem	0	10	0		
-- Wi-Fi Router	0	6	0		
TV (LCD Flat Screen)	0	100	0		
Satellite Receiver / DVR	0	30	0		
Blue Ray DVD Player	0	15	0		
Home Theater Receiver	0	150	0		
Gaming System	0	150	0		
Portable stereo	0	45	0		
Home stereo system	0	390	0		
Cell phone	0	3	0		
Clock Radio	0	4	0		
Hair Dryer	0	1200	0		
Curling Iron	0	800	0		
Incandescent Light Bulbs (60 watt)	0	60	0		
Incandescent Light Bulbs (100 watt)	0	100	0		
CFL (60 watt equivalent)	0	18	0		
CFL (100 watt equivalent)	0	20	0		
LED Light (10 watt)	0	10	0		
LED Night Light (0.5 watt)	0	0.5	0		
Pump, Sump, 1/3 HP	0	800	0		
Pump, Sump, 1/2 HP	0	1050	0		
Pump, Well, 1/3 HP	0	750	0		
Pump, Well, 1/2 HP	0	900	0		
Pump, Well, 3/4 HP	0	1500	0		
Pump, Well, 1 HP	0	2000	0		
Pump, Well, 1 - 1/2 HP	0	2500	0		

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Pump, Well, 2 HP	0	3750	0		
Pump, Well, 3 HP	0	5000	0		
Pump, Well, 5 HP	0	7500	0		
Pump, Well, 7 - 1/2 HP	0	10000	0		
Pump, Well, 10 HP	0	15000	0		
Pump for Outside wood stove heating	0	258	0		
Water Heater (gas)	0	9	0		
Water Purification System	0	250	0		
Air Conditioner (Window, Medium)	0	900	0		
Air Conditioner (Window, Large)	0	1500	0		
Air Conditioner (Central)	0	3500	0		
Split / Ductless Air Conditioner	0		0		
-- outside unit	0	1500	0		
-- room unit	0	400	0		
Space Heater	0	1400	0		
Table Fan (12" 3-speed)	0	100	0		
Ceiling Fan (52" 3-speed)	0	90	0		
Ceiling Fan (36" 3-speed)	0	55	0		
Bathroom Blower Fan (120 watt)	0	120	0		
Fireplace/Wood Stove Blower Fan	0	60	0		
Vacuum Cleaner	0	1500	0		
Clothes Iron	0	1000	0		
Washing machine (front loading)	0	150	0		
Washing machine (top loading)	0	400	0		
Clothes Dryer (gas)	0	400	0		
HRV	0	200	0		
Radial-Arm Saw	0	1800	0		
Table Saw	0	1800	0		
Drill (1/2")	0	750	0		
Belt Sander (4")	0	1200	0		
Circular Saw	0	1250	0		
Sabre Saw	0	500	0		
Portable Grinder	0	1380	0		
Electric Chain Saw (14" Chain)	0	1200	0		
Air Impact Tool (1/2 hp)	0	900	0		
Air Sprayer (1/2 hp)	0	900	0		
Air Compressor (1 hp)	0	2000	0		
Shop Vacuum (5 hp)	0	1000	0		
Kegerator	0	425	0		
Garage Door Opener	0	300	0		
Electric Composting Toilet	0	200	0		
Welder	0	7200	0		
((additional item))	0	0	0		
((additional item))	0	0	0		
((additional item))	0	0	0		
((additional item))	0	0	0		



microFIT - FIT - Solar Thermal - Pool Heating - Off-grid



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