



Commercial Photovoltaic System

Client Details		
Company Name		
Postal Address		
Street Address		
Email		
Phone & Cellphone Number		
Fax		
Contact Person and Cellphone Number		
Total kWh per month*		
Single Phase		Three Phase

Please complete the table on the next page. List all the equipment and appliances you own, the power rating (usually on a label at the back)** and the hours you use each item per day. To get the Watt-hours, simply multiply the watts by the time used. Feel free to print two copies of the next page if you need more space.

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*If you live within a municipal area and have a conventional meter installed at your premises, you can read the total energy consumption in kWh (units) per month from your bill. If you have a prepaid meter take note of the units purchased for the most expensive month of the year(usually peak of winter or summer depending on your cooling and heating needs).

For a more accurate system design you can also download, print and complete our consent letter, which will allow us to access data usually available from your municipality or local authority.

** You may also use values from the list of common appliances provided.

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These tables show some of the more common appliances and their respective ratings. You may use these values to estimate your total consumption but please note that these are for the most efficient in every category and as such the resulting estimate may be lower than your actual consumption

Appliance	Watts	Appliance	Watts
Central Air Conditioner	5000	Electric blanket	200
Electric Clothes Dryer	3400	Shaver	15
Oven	3000	Waterpik	100
Hair Dryer	1538	Well Pump (1/3-1 HP)	480-1200
Dishwasher	1200-1500	Laptop	60-250
Coffee Machine	1500	Plasma TV	339
Microwave	1500	LCD TV	213
Popcorn Popper	1400	25" color TV	150
Toaster oven	1200	19" color TV	70
Hot Plate	1200	12" black and white TV	20
Iron	1100	Stereo	10-30
Toaster	1100	Satellite dish	30
Microwave	500-1500	Radiotelephone - Receive	5
Room Air Conditioner	1100	Radiotelephone - Transmit	40 - 150
Vacuum Cleaner	500	Lights	100
Water heater	479	100 watt incandescent bulb	28
Sink Waste Disposal	450	25 watt compact fluor. bulb	28
Espresso Machine	360	50 watt DC incandescent	50
Dehumidifier	350	40 watt DC halogen	40
Blender	300	20 watt DC compact fluor.	22
Humidifier	300-1000	CFL Bulb (60-watt equivalent)	18
Video Game Player*	195	CFL Bulb (40-watt equivalent)	11
Standard TV*	188	CFL Bulb (75-watt equivalent)	20
Monitor*	150	CFL Bulb (100-watt equivalent)	30
Computer	120	Heaters***	
Portable Fan	100	Engine Block Heater NA	150-1000
Ceiling Fan	100	Portable Heater NA	1500
Can Opener	100	Waterbed Heater NA	400
Curling Iron	90	Stock Tank Heater NA	100
Stereo	60	Furnace Blower	300-1000



Appliance	Watts	Appliance	Watts
Cable Box	20	Clothes Dryer - Gas Heated	300- 400
Clock Radio*	7	Well Pump (1/3-1HP)	480-1200
Hedge trimmer	450	Refrigerator/ Freezer**	
Weed eater	500	20 cu. ft. (AC)	1411 watt-hours/day
1/4" drill	250	16 cu. ft. (AC)	1200 watt-hours /day*
1/2" drill	750	Freezer**	
1" drill	1000	15 cu. ft. (Upright)	1240 watt-hours /day*
9" disc sander	1200	15 cu. ft. (Chest)	1080 watt-hours /day
3" belt sander	1000	Cell Phone - recharge*	2-4 watts
12" chain saw	1000	MP3 Player - recharge*	.25-.40 watts
14" band saw	1100		
7-1/4" circular saw	900		
8-1/4" circular saw	1400		

* TV's,VCR's and other devices left plugged in, but not turned on, still draw power.

**To estimate the number of hours that a refrigerator actually operates at its maximum wattage, divide the total time the refrigerator is plugged in by three. Refrigerators, although turned "on" all the time, actually cycle on and off as needed to maintain interior temperatures.