Solar System Sizing Worksheet

Name_____Phone_____

Email _____ Address _____

Power Demand Chart - Essential for determining what size solar setup and electrical design you need.

Appliances	**Watts**	**X Qty**	**X hrs run/day**	**=Total watts/day**
Lights				
Water pump				
Fridge				
Automatic Fan				
Heater				
Clock, Timers, misc.				
TV				
DVD/VCR				
Satellite				
Microwave				
Toaster				
Coffee Maker				
Blender				
Music/Electronics				
Laptop/Computer				
Tools				
Other: (list)				
TOTAL				

- Fridge, pump and other things don't run all the time. Try and figure how much they are on per hour.
- Amps x volts= watts > Also good to figure is maximum watts you will need at any one time.

Total Daily Watts/Hours Calculation **Maximum watts needed for loads running _____**

1) Add up the Total watts/day column
2) Take this total multiply by the number of days of use per week
3) Gives you the total amount of watts/hrs per week on average
4) Take total amount of watts and divide by 1,000 to give you total Kw/hr

_____Watts /day (X) _____# of days of use per week, average = _____Total watts
Total watts / 1,000 = Total Kw/hr weekly_____ divide by 7 for daily watt/hr loads.

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