

# LOAD EVALUATION FORM

Please copy if more than one sheet is required.

- If your home is connected to the utility grid, your energy usage has already been calculated for you in kilowatt-hours per month on your electric bill. If you are building a new home and would like to size a renewable energy system to power it, fill out the following form as completely as you can. Just break down your electrical appliances by room (kitchen, living room, bathroom, etc.), check if they are AC or DC, list how many you have, their wattage and then estimate how many hours per day and days per week you use each particular appliance. If you can do that for each and every electrical appliance in your home, then your Kyocera Dealer can calculate your daily corrected watt-hours and design your system.

Name: \_\_\_\_\_

Appliance	AC	DC	Qty.		Wattage		Hrs. Per Day		Days Per Week	÷	=	Avg. Watt Hrs. / day
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
				X		X		X		/7	=	
Highest AC loads in watts:				Total AC connected wattage at one time:				Total watt-hr per day:				
Total watt-hr per day:				X	Load correction factor*		=	Corrected watt-hr per day:				
				X	1.25		=					

\*The load correction factor is required as batteries are not 100% efficient and other losses occur in a system. We increase the load value by 25% to compensate for these losses.