


















Off-Grid Load Estimator



Calculate solar or wind off-grid system loads or perceived loads by entering information in the blanks. You may enter information about quantity, wattage, and number of hours of operation of each load per day. Make your way through the estimator by clicking on the equals button only for the loads you wish to calculate. When you have made it through all of your loads you may then estimate your load size at the bottom of this page.


The information you calculate on this page can be emailed to a design engineer along with other necessary site analysis information. If you are ready to start the consultation process see the info at the bottom of the page.

Appliances				
	Quantity	Watts	Hours/day	Watt Hrs/day
	<input type="text" value="1"/>	<input type="text" value="750"/>	<input type="text" value=".25"/>	<input type="text" value="0"/>
	<input type="text" value="1"/>	<input type="text" value="750"/>	<input type="text" value=".25"/>	<input type="text" value="0"/>
	<input type="text" value="1"/>	<input type="text" value="200"/>	<input type="text" value="6"/>	<input type="text" value="0"/>
	<input type="text" value="1"/>	<input type="text" value="3000"/>	<input type="text" value="1"/>	<input type="text" value="0"/>
	<input type="text" value="1"/>	<input type="text" value="350"/>	<input type="text" value="1"/>	<input type="text" value="0"/>
	<input type="text" value="1"/>	<input type="text" value="3000"/>	<input type="text" value="1.5"/>	<input type="text" value="0"/>

Entertainment				
	Quantity	Watts	Hours/day	Watt Hrs/day
	<input type="text" value="1"/>	<input type="text" value="150"/>	<input type="text" value="2"/>	<input type="text" value="0"/>
 DVD	<input type="text" value="1"/>	<input type="text" value="60"/>	<input type="text" value="2"/>	<input type="text" value="0"/>
	<input type="text" value="1"/>	<input type="text" value="75"/>	<input type="text" value="2"/>	<input type="text" value="0"/>
	<input type="text" value="1"/>	<input type="text" value="120"/>	<input type="text" value="4"/>	<input type="text" value="0"/>
	<input type="text" value="1"/>	<input type="text" value="50"/>	<input type="text" value="4"/>	<input type="text" value="0"/>
	<input type="text" value="1"/>	<input type="text" value="100"/>	<input type="text" value="2"/>	<input type="text" value="0"/>

General Household				
	Quantity	Watts	Hours/day	Watt Hrs/day
	<input type="text" value="1"/>	<input type="text" value="450"/>	<input type="text" value=".25"/>	<input type="text" value="0"/>
	<input type="text" value="1"/>	<input type="text" value="100"/>	<input type="text" value="4"/>	<input type="text" value="0"/>
	<input type="text" value="1"/>	<input type="text" value="1500"/>	<input type="text" value=".1"/>	<input type="text" value="0"/>
	<input type="text" value="1"/>	<input type="text" value="2500"/>	<input type="text" value="2"/>	<input type="text" value="0"/>
	<input type="text" value="1"/>	<input type="text" value="350"/>	<input type="text" value="2"/>	<input type="text" value="0"/>

Lighting				
	Quantity	Watts	Hours/day	Watt Hrs/day
	<input type="text" value="1"/>	<input type="text" value="100"/>	<input type="text" value="2"/>	<input type="text" value="0"/>
	<input type="text" value="4"/>	<input type="text" value="20"/>	<input type="text" value="5.5"/>	<input type="text" value="0"/>

Tools				
	Quantity	Watts	Hours/day	Watt Hrs/day
	<input type="text" value="2"/>	<input type="text" value="400"/>	<input type="text" value=".5"/>	<input type="text" value="0"/>

Additional Electrical Loads				
	Quantity	Watts	Hours/day	Watt Hrs/day
<input type="text" value="Enter Name"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
<input type="text" value="Enter Name"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
<input type="text" value="Enter Name"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

Load Size Watt Hrs/day Total Connected Watts Reset Print

To design, price and purchase an off-grid system