

SolarRay's "Venezuela" System: Example uses

Appliance	Qty.	Run Watts	Hours /Day	Days /Week	W-hours /Day	Percent of Total	NOTES
<b>Fluorescent &amp; halogen Lights</b>	<b>4</b>	<b>20</b>	<b>6</b>	<b>7</b>	480.0	24.9%	
<b>Blender</b>	<b>1</b>	<b>350</b>	<b>0.1</b>	<b>2</b>	10.0	0.5%	
<b>3.5 cu. ft. Refrigerator</b>	<b>1</b>	<b>125</b>	<b>4</b>	<b>7</b>	500.0	26.0%	Chest style refrigerator conversion
<b>Microwave Oven</b>	<b>1</b>	<b>900</b>	<b>0.25</b>	<b>7</b>	225.0	11.7%	
<b>Toaster</b>	<b>1</b>	<b>600</b>	<b>0.08</b>	<b>7</b>	48.0	2.5%	
<b>Coffee Maker</b>	<b>1</b>	<b>800</b>	<b>0.1</b>	<b>7</b>	80.0	4.2%	Carafe style, no hot plate
<b>13" regular Television</b>	<b>1</b>	<b>60</b>	<b>4</b>	<b>7</b>	240.0	12.5%	turned off with powerstrip
<b>VCR or DVD player</b>	<b>1</b>	<b>30</b>	<b>2</b>	<b>1</b>	8.6	0.4%	when not in use
<b>Small Combo Stereo/ CD</b>	<b>1</b>	<b>10</b>	<b>5</b>	<b>7</b>	50.0	2.6%	
<b>Laptop Computer</b>	<b>1</b>	<b>25</b>	<b>3</b>	<b>7</b>	75.0	3.9%	
<b>Computer Printer</b>	<b>1</b>	<b>30</b>	<b>0.5</b>	<b>7</b>	15.0	0.8%	
<b>Small Power Tool</b>	<b>1</b>	<b>450</b>	<b>0.25</b>	<b>2</b>	32.1	1.7%	Jig Saw or Drill, etc.
<b>Sewing Machine</b>	<b>1</b>	<b>80</b>	<b>0.25</b>	<b>1</b>	2.9	0.1%	
<b>Small Vacuum Cleaner</b>	<b>1</b>	<b>650</b>	<b>0.5</b>	<b>1</b>	46.4	2.4%	
<b>DC Pressure Pump</b>	<b>1</b>	<b>150</b>	<b>0.75</b>	<b>7</b>	112.5	5.8%	150Gal/ day from cistern
<b>Total Daily Average Watt-hrs</b>					1925.5		

The "Venezuela" System can run many normal household appliances, but only for short times. The Coffee Maker, refrigerator, Lights, & computer are still specially chosen high efficiency models. TV, radio, computer are all unplugged when not in use, to allow inverter to go into sleep mode most of the time.

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