

Appendix B: Estimate Your Energy Use

	A	B	C = AxB	D	E = CxD	F = E/1000
Description of Device	Quantity	Power ¹ (Watts)	Total Watts	On-Time ² (hours/day)	Wattage (hours/day) (total watts x on-time)	kWh/day
Other Factors to Consider	Comments					
Number of Beds						
Average Patients Served/Day						
Access to Telecommunication						
Solar Resource ³						
Wind Resource ⁴						
Road Quality						
Availability and Cost of Gasoline						
Availability and Cost of Propane						
Availability and Cost of Diesel						

¹To find wattage information for a given device, check the user’s manual or it may be written on the back of the device.

²The typical daily “on-time” for a standard refrigerator compressor is 5-6 hr/day.

³Refer to the following for solar resource data: <http://eosweb.larc.nasa.gov/sse/>

⁴Refer to the following for wind resource data: <http://www.wwindea.org/home/index.php>