



Powering systems to make vacations on the moon a reality (continued)

Solution

1. $800 \text{ W/m}^2 * 480 \text{ minutes} * 1 \text{ hour}/60 \text{ minutes} = 6.4 \text{ kW/m}^2$
2. $4.8 \text{ kWh/m}^2 / (480 \text{ minutes} * 1 \text{ hour}/60 \text{ minutes}) = 600 \text{ W/m}^2$