

Name _____

How Do Solar Panels Work Even When the Sun Isn't Shining?

Open-Ended Response Answer Key

1. Because people still need electricity at night or during bad weather, so storage or grid systems help.
2. Batteries are good because they give you your own power, but using the grid helps if you don't have batteries. I think batteries are better if you want to be more independent.
3. Schools could use solar power to run lights and computers. Cities could use it to power streetlights and buildings.
4. I'd say solar panels soak up sunlight and make electricity. If there's too much, it gets saved or shared for later when there's no sun.