

Simple Solar Tracker

Reflection Questions

1. State one thing you already knew going into this lab.
2. State one thing you learned in the process of conducting this lab. Explain in detail how what you learned works.
3. In explaining how the tracker works, Bobby told Sarah, "The solar modules would produce the largest current when their orientation was centered on the sun. So when the sun moved it became off centered and thus the tracker would move." Do you agree with this explanation by Bobby? Explain your reasoning for agreeing or not. If you don't agree, give what you think is the correct reason.
4. Can you think of any inherent problems in this type of tracking method? Elaborate as much as possible with your answer.
5. You are interested in setting up a tracker on campus. At the end of your presentation to the school board and principal a board member asks "What happens to the tracker when the sun goes down in the evening? How does it know to point back east in the morning?" State your answer to the board members question.