

CALIFORNIA STATE SCIENCE FAIR 2015 PROJECT SUMMARY

Project Title Here Comes the Sun Abstract Objectives/Goals Every year, the world gets more polluted by energy production. The purpose off using piect is to see what is the difference between the energy production rates of solar-following solar panels and static ones. Methods/Materials Microcontroller Solar Panel 360 Degree Servo 180 The world gets aconsistent voltage throughout the day. For example, from 6-17 AM the voltage was fairly low and slowly rising. On the other hand, the solar-tracking punel and confisient results throughout the day. From 7 AM till about 4 PM the voltage was hovering applied 5-5 busits. Overall, the static solar panel produces much less energy throughout the day find the solar-tracking panel had consistent results throughout the day. From 7 AM till about 4 PM the voltage was hovering applied 5-5 busits. Overall, the static solar panel does not give a consistent posting the solar panel produces much less energy throughout the day. From 6-11 AM the voltage was fairly low and slowly vising. On the object pland, the solar-tracking panel had consistent results throughout the day. From 7 AM till about 4 PM the voltage was hovering around 5.5-6.1 volts. Overall, the static solar panel produces much less energy throughout the day than the solar-tracking one did. Summary Strement I companel the difference between a solar tracking panel and a static solar panel. Help Received No one.	Name(s)	Project Number
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