



**CALIFORNIA STATE SCIENCE FAIR
2007 PROJECT SUMMARY**

Name(s) Martin G. Severhill	Project Number J0918
Project Title Is It Possible to Generate Electricity Using Passive Solar Energy?	
Abstract Objectives/Goals my objective for this project was to test my hypothesis. My hypothesis was that it would be possible to generate electricity using passive solar energy. Methods/Materials To accomplish this on a small scale and in keeping within environmental concerns, I used recycled materials. To conduct my project, I needed a 55 gallon barrel which I spray painted black, fan blades, wire, and three magnets and a digital multimeter. the fan blades wire, and the barrel were recycled. Results My results showed that the power generator that I made produced electricity and proved my hypothesis to be correct. Though it only produced a few millivolts, that is better than nothing. Conclusions/Discussion This project took place during the summer. If it had been conducted during the winter, it would not have generated any electricity. This project taught me a lot about electricity, electrical generators and how to use a multimeter. It was difficult but in the long run it was worth it.	
Summary Statement generating electricity using passive solar energy and recycled objects	
Help Received father helped cut materials with saw	