

Revised Technical Analysis 2: Electrical

Originally my second technical analysis was to focus on structural impacts of a solar array on the roof of the SRJC Student Center project. Upon performing my analysis I determined that the additional load was not very much and therefore have decided to switch the analysis to an Electrical focus.

This analysis will involve investigating the solar collectors that have been applied to the roof and determining what kind of benefits in the form of electricity can be gained and used by the building. Through this analysis I will determine how much electricity can be generated as well as how much money can be saved through the implementation of this solar array as a source of electricity for items such as computers, televisions, and lighting in the student center.