

**DATE:** February 2, 2012  
**TO:** David Meadows  
**FROM:** Julie Hinds  
**RE:** Solar Energy Array at Tupelo High School

---

On behalf of Gage Rose, Tupelo High School senior conducting his senior project on solar energy production, I would like to submit a proposal for the installation of a small solar energy system (four panel solar array) that would tie into the electrical grid. Introducing this system would allow us to produce energy that would then be sold to TVA which they in turn could sell to businesses as "green power."

Gage has worked with Mr. Will Hegman of MS Solar who is willing to donate the equipment and the labor for the installation of this project.

The project would include an agreement with TVA in which we would sell the power produced to TVA for 12 cents above the billing rate in which they would credit to our account. In addition, upon signing the agreement (attached), a \$1000 incentive will be given to the district.

I have worked with Gage, Mr. Hegman, Tupelo Water and Light, and TVA and we are all in agreement that the best location for the array is at Tupelo High School on the roof of the maintenance shop. Being located on the high school campus will enhance the use of the system as a teaching tool for the physical science classes.

Mr. Gage Rose will be presenting to the board his proposal and Mr. Will Hegman with MS Solar and Mr. David Sparks with TVA will be in attendance to help Gage with the presentation and to answer any questions you or the board members might have.

Attached is a report generated by Gage showing the estimated amount of power to be generated by the proposed system and a dollar amount based on current rate. The total amount per year is estimated at \$243.83.