

CONSERVATION COMMITTEE REPORT TO GV BOARD

November 16, 2010

The solar pool pre-heating project is scheduled for installation starting next week, November 22. All permits are finally approved and will have been submitted to SRP by then. Performance Solar, Inc. is the contractor, and the project will be directed by Kevin McLaughlin.

The contract calls for installation of 36 solar collector panels, 4'x12', placed on the west roof of the old central laundry building. These will be linked to the large pool plumbing and will utilize solar radiation to pre-heat water to that pool. Based on the projected energy models, it is expected to save Golden Vista approximately \$9,700 per year in propane cost. The contract cost is \$30,541. However, we do qualify for an SRP rebate, and \$18,324 has been set aside in a rebate account. Upon one year's operation and documented energy savings, SRP will rebate up to 60% of the cost of this installation. Energy savings will be documented by a BTU meter that will be installed in the plumbing, and monitored by GV staff and SRP engineers. So, if all goes as projected, the system will be paid for in slightly more than a year. After that, we will continue to benefit from annual savings of propane fuel which will likely continue to go up in price.

The Conservation Committee will assist the GV Manager in any way we can as this project goes forward. Thank you.

Respectfully submitted
Ken Baumgartner, Chr.