

PEACH POWER MEETING MINUTES

January 22, 2023, 5-6pm

Attending: Committee members - Paxton Hoag, Cynthia Peachey, Bob1, Thom B., Wayne O.

Guests: Michael Head, Sierra McComas

Board report: Paxton did not have much to relay from the board but reported on SWAG sub-committee requesting assistance with the creation of solar powered hand washing stations for remote area such as the parking lots. This item was added to new business.

Treasurer (Paxton) reports confirmation from fair treasurer that the Green Ticket Fund balance is \$30,000.

Old Business:

HUB project: Bob1 provided update on conversations with Jeremiah from Energy Design Systems. Discussion of micro-inverters. Sierra has 6 that would be compatible with the 6 Solarworld panels. Research finds that these particular inverters are very poorly rated. By purchasing new inverters, we could create an array that would also include the 2 Suntec panels that we have into a compatible system that would be 2.2kw instead of 1.8kw.

- Peaches moved and Bob1 seconded that we purchase the new Enphase micro-inverters in order to add more panels and increase the systems capability and reliability.
- Motion passed unanimously with Paxton, Peaches, Bob1, Thom and Wayne in favor.

Discussion of high labor costs included in bid from Energy Designs and some research by Bob1 reveals that there is a labor shortage in the field and this increase is industry wide. Committee commits to looking for competitive bids and monitoring project for costs. Also, this bid was based on assessments made prior to electrical upgrade and may be reduced. Committee agrees that the capital project request for the project be from the Green Ticket Fund and with a contingency factor, be for a total of \$12,000.

Peaches to fill out and submit capital project request due by Jan. 31st.

New Business:

Discussion of remote solar hand wash stations: We have 8 Astropower panels that would be good for this project and each station would need 2 panels. Each station would also need a charge controller, batteries, mounting structure, etc. Bob1 has questions about pumps for the grey water and how much power they will use, hours of run time per day and H2O capabilities. Next SWAG meeting is Feb. 19 and Paxton will make sure that their agenda includes time for Bob1 to attend and collaborate.

Committee Best Practices items: Paxton sent a list of committee tasks to the group to be discussed at our next meeting. Peaches recently updated the committee page on the .net site with much of the requested info.

Next meeting in March, Peaches to send email to coordinate dates and times.