

Plumas Eureka Community Services District

Board Report

Subject: Generator Project & Portable Generator Purchase

History: PECSD received a grant through Cal OES under the PSPS program for the purchase of generators for backup power. The District was awarded \$137,000 for generators and all associated equipment. The equipment purchased included two generators, four transfer switches, and propane tanks for fuel supply. Staff identified the need to replace the generators at WWTP 7 and Well 1b due to the equipment being antiquated and difficulties getting them serviced.

Progress: During the summer of 2022, installation of the new generators began. The project has taken longer than anticipated due to issues involving gas line sizing and exhaust. A portable generator has been brought in to supply power, should backup power be needed, until the installation is completed. The gas line issue has been solved but exhaust parts have been on order for the last few months. Exhaust parts have been shipped and the contractor is waiting to receive all the materials. So far, the District has not spent all the grant funds for the project. There is still around \$43,000 left in funding and are awaiting invoices for the exhaust equipment, which will reduce the amount of funds left; which may leave approximately \$35,000 needing to be spent. The grant program requires all funds to be used by 5/31/23. The portable generator that is currently on site will be sufficient to power Well 2 and Poplar Valley lift station should an emergency arise that requires power for those facilities. Transfer switches for both facilities have been purchased as part of the equipment for the overall project. Quotes for the purchase of the generator on site, 100kW, and a 120kW generator are available for review. The remaining funds will not cover the cost of purchasing the portable generator; if decided to make the purchase, the District will need to supply the additional funds.

Options:

1. Purchase the 100kW generator onsite at WWTP 7 for \$49,753

2. Purchase the 120kW generator unit for \$47,375
3. Do not purchase portable generator unit and return unused grant funds back to Cal OES PSPS program.

Submitted by Jamar Tate General Manager