

Plumas Eureka Community Services District

Board Report February 2023

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.

Additional Information: During the January board meeting, members requested additional information regarding the hours on each of the mobile

units, as well as warranties for the units. The 100kw which is on site at WWTP 7 has 14,285 hours on the unit. The 120kw has 12,500 hours on it but the last conversation I had with the Sunbelt rep, that unit was out on rental and scheduled to be returned the week. I asked the question, "would the price be lower due to the additional hours?" His response was, "unlikely". In addition, there has been another delay in acquiring the parts to finish the permanent generator install. The thimbles, that go through the ceiling, did not show up in shipping. Those parts have been ordered and will hopefully show up in the next week or so. With that said, the unit we have on site will stay until the installation of the permanent generator is completed. I have been waiting for this to unfold a little more so we have a better idea of the additional parts cost so we have an accurate figure of what will be left of the grant funds and how much the District will be paying out of pocket. The grant was extended until 5/31/23, so we have a little breathing room on the timeline.

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