

# AGENDA STAFF REPORT



**MEETING NAME:** REGULAR BOARD MEETING

**MEETING DATE(S):** MAY 15, 2023

**FROM:** BRIAN MACY – ASSISTANT GENERAL MANAGER

**FOR:** ACTION  DIRECTION  INFORMATION

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## PURCHASE THREE PORTABLE GENERATORS FOR EMERGENCY OPERATIONS

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### STAFF RECOMMENDATION

Authorize the General Manager to purchase three portable generators (2-275 kw and 1-200 kw) from Cummins for \$530,000 which includes transportation, delivery, training, cables, and other associated costs.

### SUMMARY

The District operates several critical facilities that currently do not have permanent standby power that would provide power in the event of an outage. Maintaining power to each of these facilities is critical to both providing water for our customers and maintaining our SCADA communications throughout the District's network. The District wishes to maintain the operation and integrity of its water system during times of natural disaster, inclement weather, and other situations where electrical service is compromised.

Since late 2018, Operations staff has been conducting an internal review of the department's operational standards, procedures, maintenance practices and more importantly system/equipment inadequacies. In early 2019, staff completed the District's Emergency Response Plan. In 2021, staff completed the District's Vulnerability Assessment which further evaluated the District's water operations and led to the Operations Assessment – Permanent and Portable Generators memorandum, dated December 8, 2021 (see Attachment 1), which provided recommendations of both permanent and portable generators.

As the development of Well 42 has been delayed due to pump and electrical manufacturing issues, Well 24 continues to be a critical pumping connection to both the 1240 and 1400 pressure zones. Well 24 with a 600 hp motor will require 2-275 kW generators at startup, therefore, District staff is recommending the purchase of 2-275 kW and 1-200 kw portable generators.

### ANALYSIS

As required by the District's Procurement Policy, Staff contacted four (4) generator suppliers for information and quotes. Caterpillar, Cummins, JCB, and Power Plus provided information on generator power output (to sustain our critical operations in the event of a power outage), fuel efficiency, durability, maintenance costs, and ability to meet current and known future AQMD requirements for MSWD consideration. After a thorough evaluation, Staff is recommending the purchase of Cummins generators (see Attachment 2).

### FISCAL IMPACT AND STRATEGIC PLAN IMPLEMENTATION

All costs for this purchase are budgeted in capital job number 11717 and were approved as part of the FY2022/23 budget. Currently, capital job number 11717 has approximately \$537,000 of the necessary \$530,000 to complete this purchase.

### ATTACHMENTS

Attachment 1: Operations Assessment – Permanent and Portable Generators

Attachment 2: Portable Generator Purchase Memo to Director of Finance and Accounting (with quotes)