

Date: May 7, 2020

Subject: Engineering Committee Meeting
Minutes **Monday, May 4, 2020**

To: Board of Directors

From: Engineering Committee and
Arthur G. Simonian, Executive Director

AGS

**Engineering Committee
May 4, 2020 Meeting Minutes**

The Engineering Committee meeting was held via conference call on Monday, May 4, 2020.

Chairman John Dunham called the meeting to order at 4:39 PM. In addition to the Chair, present were Committee Members – Bonnie Anderson, Lanette Macaruso, Bob Argazzi and David Bauer, there was a quorum. Also present were Executive Director – Arthur Simonian and District Engineer – Michelle Ryan. Committee

Following is a summary of the May 4th Engineering Meeting:

- 1) **Energy Performance Project** – The District Engineer sent an email to the Committee members on the current status of the project. The Executive Director stated the lighting portion of the project is approximately 90% complete. Eversource called to say they would like to complete an inspection which will facilitate getting rebate money for the District. They will allow the District to have an inspection without Eversource present by providing pictures. We hope to accomplish this at the end of May.

The installation of the AHUs and RTUs is still left to be completed.

There is approximately 60% work remaining on the Integrated Temperature Controls.

The energy transformers and the retrofit lighting will net us approximately \$42,000 in rebates.

- 2) **Switch Gear Enclosure Canopy** – The District received zoning administrative approval. Some of the work will be in-house and the District will look at hiring a contractor recommended by the manufacturer of the canopy. This will require a building permit which we hope to obtain in July so the work can begin in August.
- 3) **Demand Response Program** – The Demand Response Program is a program that requires our generators to remain available to provide power to the electric grid when demands for energy are high. The District is

under contract with Enel X for the Demand Response Program. We need to have the generators' stacks extended to meet emissions requirements. This required zoning approval which we have received. Once the contract modification is finalized, the next step is will be to obtain a permit and then Enel X will begin the work. We hope to have the work completed in the next 2-3 months.

- 4) **Email from CTDEEP** – The District received an email from CTDEEP reminding us that our permit does not allow for bypassing of our treatment system regardless of whether we meet our permit limits for suspended solids and BOD, which we are currently, even in wet weather events. Art and Michelle drafted a response letter to the CTDEEP that he provided to the Committee. The Chairman requested a copy of all the documentation Wright-Pierce has while they were doing the design and that we have approving our facility upgrade. Once we have that, he would like to schedule a meeting with the CTDEEP Bureau Chief. Art will set up the meeting with the Bureau Chief at CTDEEP and copy our District Council on any correspondence.

- 5) **Incinerator Heater Exchanger** – The Executive Director reviewed pictures with the Committee. There was an issue with the plenum of the primary and secondary heater exchangers. The plenum is the duct work that goes above the heat exchangers in the top level of the incinerator wing. This was showing signs of corroding. We commissioned McDonald Enterprises, who has done similar repair work on our old incinerator. They fabricated stainless steel plates to weld on top of the existing ones to cover the damage. The cost was about \$11,000, performed over a weekend without shutdown. Art stated that the District should look at replacing all of them with stainless steel. Currently, 70% of the plenum is stainless steel. The remaining is carbon steel.

- 6) **Generator Switchgear Breakers 52G1 & 52G2** – Art provided pictures to the committee of the cracking of the generator switchgear breakers' frame. He stated these should be considered for replacement in the future. We will also have PowerHawke make a recommendation for a second opinion. The main issue with the generator switchgear breakers is with the reset breaker getting stuck. This would happen anytime the switch was made from utility to the generator and back again. The reset breaker caused the generator to not switch over properly. SNEET made adjustments and it is currently working. Art stated we should look into replacing it in the next 2-4 years. It is nearly 20 years old.

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Memorandum

7) Related Business and Staff Updates – None.

Adjournment:

Ms. Macaruso moved, no second needed and the committee approved unanimously to adjourn at 5:40 PM.