



**SEPA ADDENDUM OF EXISTING ENVIRONMENTAL DOCUMENT
(WAC 197-11-600(4)(c); 197-11-625)**

Name of Proposal:

Qualco Generator Reconstruction

Proponent:

Public Utility District No. 1 of Snohomish County

Purpose and Summary of Addendum:

This addendum is prepared in accordance with WAC 197-11-625 to provide additional information and environmental review.

Title of Environmental Document Modified by this Addendum:

SEPA Environmental Checklist for the Qualco Generator Reconstruction, dated August 24, 2021

Original Description of Proposal:

Install a new generator at the existing Qualco Biogas Facility to supplement the existing generator. The facility currently includes a 450 kW electric generating facility fueled by the biogas generated by the dairy digester. Snohomish County Public Utility District (the District) plans to install a new generator which the District will own and operate. This will result in additional renewable electricity generation from the existing facility's waste stream without changing emissions.

Existing electric distribution lines are sufficient for the additional generation, however a new meter will be installed. Local distribution line upgrades are being conducted in the vicinity of the Qualco facility but are independent of this work and will be reviewed and permitted separately. No land disturbing utility upgrades are needed as a result of this proposal.

The existing facility includes a generator and flare previously evaluated and permitted (Figure 1). The flare allows excess gas to be burned off to prevent it building up inside the facility. The proposed project would divert a greater proportion of gas through the new generator instead of the methane flare (Figure 2). Overall emissions are a component of the existing facility and are not increased or decreased by the proposed project.

Addendum:

Public Utility District No. 1 of Snohomish County prepared and reviewed the Qualco Generator Reconstruction project, including the installation of a new generator in 2021. The new engine replaced a smaller, existing engine at the site. All digester gas was previously flared or run through the existing engine. The new, larger engine increased the share of gas that is used for electrical generation. Backup combustion is provided by a Groth 8391 B methane flare.

This addendum will provide additional information to include in the environmental review for the Project proposal under WAC 197-11, Washington State Environmental Policy Act (SEPA). In addition to the existing generator installed in 2022, a Parker 205 boiler is being added to generate heat using biogas or liquid propane. The purpose of this new boiler is to maintain heating to the biogas digester on an emergency basis. Figure 1 depicts the original operational setup prior to the 2022

facility upgrade. Figure 2 provides an updated schematic of the new generator and liquid propane back-up boiler.

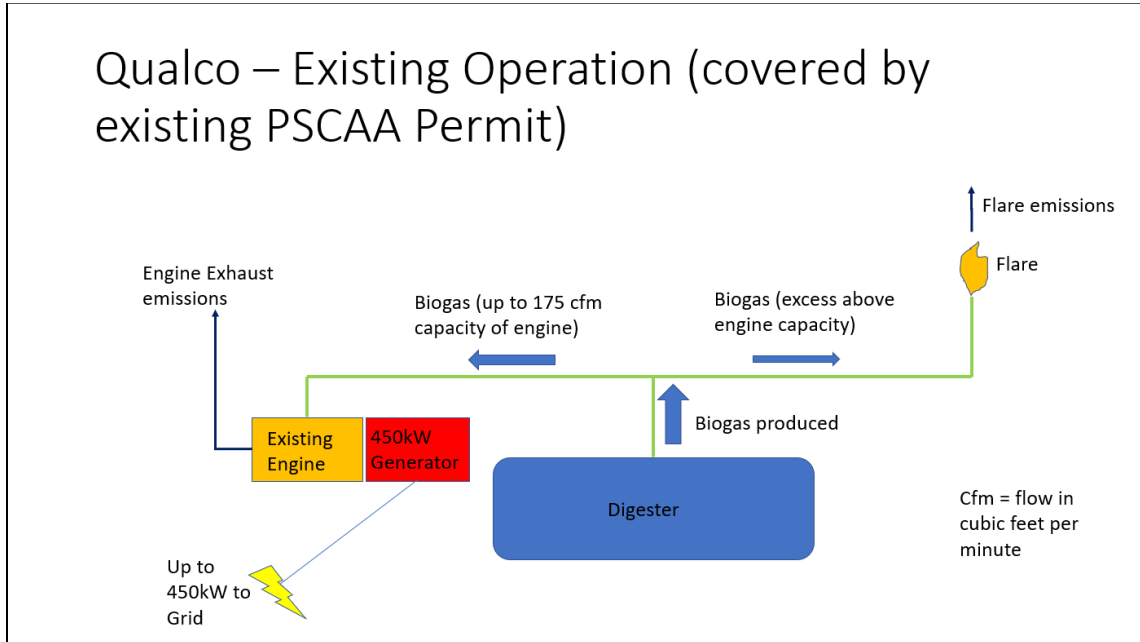


Figure 1. Qualco existing operation.

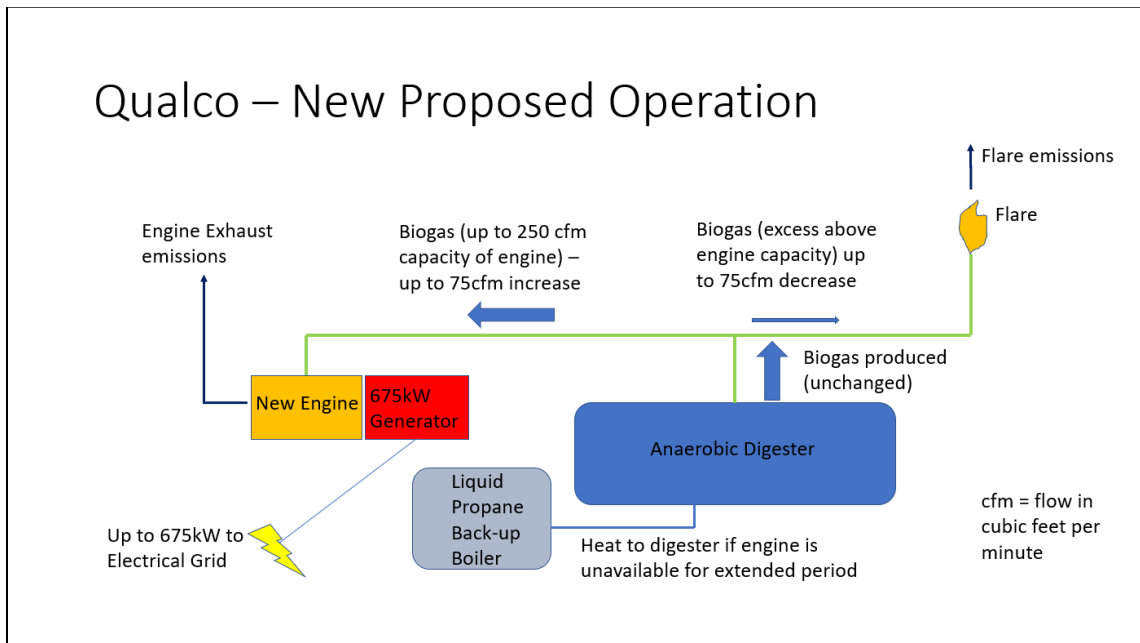


Figure 2. Qualco proposed operation.

Location of Proposal:

18117 203rd St SE, Monroe, Washinton

SEPA Lead Agency:

Public Utility District No. 1 of Snohomish County
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Signature



Date: March 20, 2024

Reviewing Agencies:

- City of Monroe
- Snohomish County PDS
- Tulalip Tribes
- Washington Department of Ecology
- Washington Department of Archaeology and Historic Preservation