

**Cascade Natural Gas Corporation
Annual Provisional Plant Report
Attachment C**

New Projects

Portfolio Review

FP-317012 - UG-PCAD Upgrade to v7-CNG

Q. Please describe the project for FP-317012.

A. The 2024 costs for this funding project are -\$7,142. This is a project to upgrade the PCAD software to version 7. This project was placed in service in the prior year. This is a credit from the vendor for costs realized in the prior year.

FP-323663 – MAOP INST 4”ST FOR LVVIEW DWNRATE

Q. Please describe FP-323663.

A. The 2024 costs for this funding project are \$431,700. This project was created due to the need to replace the connection of 4” steel line from existing High Pressure (HP) line to Distribution Pressure (DP) line. This was done so Longview Uprate project could commence without replacing thousands of feet of 4” steel HP pipeline. The project was placed in-service on 9/12/2024.

FP-323949 - UG-JAVA Technology Upgrade-CNG

Q. Please describe FP-323949 UG-JAVA Technology Upgrade-CNG

A. The 2024 costs for this funding project are \$25,128. This project involves upgrading our custom-developed applications from the Java 8 framework to Java 11 and 17. The support for Open Java Development Kit 8 will end in 2026, and to ensure the security and efficiency of our applications, it is crucial to enhance them to run on newer versions of Java. This upgrade will capture internal labor costs and improve the overall performance and security of our systems, along with adhering to TSA security directives.

FP-323966 - UG-Dev&Implmnt ITDataWarehouse CNG

Q. Please describe FP-323966.

A. The 2024 costs for this funding project are \$11,019. This project aims to design, develop, and implement data sets in a data warehouse. The primary goal is to enhance analytics and reporting capabilities for business efficiencies and metrics. By creating a robust data warehouse, the project will enable better data management, facilitate insightful analysis, and support informed decision-making across various business functions.

FP-324633 - Inst Main Clear Creek Rd Silverdale

Q. Please describe FP-324633.

A. The 2024 costs for this funding project are \$334,210. This project installed approximately 4,295 feet of 4" plastic main and 380 feet of 2" plastic main along Greaves Way, Clear Creek RD to serve a new apartment complex.

FP-325221 - Fredonia CS Relief Upgrade Vib resit

Q. Please describe FP-325211.

A. The 2024 costs for this funding project are \$18,839. This project is an upgrade of the relief to a different style that is intended to be more reliable and resistant to damage thus increasing the reliability of the facility overall.

FP-325227 – RF; 6in PE; Blaine; 3000’

Q. Please describe FP-325227.

A. The 2024 costs for this funding project are \$6,008. This project was created to solve a low-pressure area in Blaine, WA along Semahimoo Pkwy to reinforce low pressure area at the end of the system. This area was identified as reaching below 3psig on lowest cold weather day in winter of 2023 and required reinforcement to keep Field Operations from having to bypass station upstream when cold weather occurred approximately 20 miles from the office. This project was placed into service on 12/12/2024.

FP-325239 - GR-MOSES LAKE-4" HP STL JR SIMPLOT

Q. Please describe FP-325239.

A. The 2024 costs for this funding project are \$899,521. This is a growth project for a new high-pressure service. JR Simplot is requiring gas service to a new facility in Moses Lake known as Project Ranier. A main extension of approximately 4000’ of 4” high pressure steel is required to feed the facility from the existing 4” main on Rd O NE and Wheeler Rd. The facilities agreement was executed on 1/4/2024 and the main was placed into service on 11/15/2024.

FP-325251 - MAOP; R-201(R-2) MTVE;

Q. Please describe the Mount Vernon R-201(R-2) replacement project (FP-325251).

A. The 2024 costs for this funding project are \$150,628. The Mount Vernon Regulator Station R-201(R-2) replacement project included the replacement of an existing regulator station that was installed in 1957. The regulator station was identified in Cascade's MAOP Determination and Validation Plan, in accordance with Docket PG-150120, as lacking sufficient documentation to validate the pipeline segments MAOP. Replacement was chosen as the best option to address the missing documentation and to validate the pipeline segments MAOP. This replacement also corrected operational and maintenance issues with the current regulator station.

FP-325339 - PUR - 1LC FUSION MACHINE -BREMERTON

Q. Please describe FP-325339.

A. The 2024 costs for this funding project are \$2,000. This project is to purchase an 1LC Fusion Machine. This equipment is used to fuse plastic pipe together for growth projects and for routine maintenance and repair of plastic pipe.

FP-325377 - MAOP;R-7(R-1) COLL

Q. Please describe the College Place R-7(R-1) replacement project (FP-325377).

A. The 2024 costs for this funding project are \$154,478. The College Place Regulator Station R-7(R-1) replacement project included the replacement of an existing regulator station that was installed in 1956. The regulator station was identified in Cascade's MAOP Determination and Validation Plan, in accordance with Docket PG-150120, as lacking sufficient documentation to validate the pipeline segments MAOP. Replacement was chosen as the best option to address the missing documentation and to validate the pipeline segments MAOP. This replacement also corrected operational and maintenance issues with the current regulator station.

FP-325432 - MAOP; RPL R-002;QUINCY

Q. Please describe the Quincy R-002 replacement project (FP-325432).

A. The 2024 costs for this funding project are \$550,700. The Quincy Regulator Station R-002 replacement project included the replacement of an existing regulator station that was installed in 1965. The regulator station was identified in Cascade's MAOP Determination and Validation Plan, in accordance with Docket PG-150120, as lacking sufficient documentation to validate the pipeline segments MAOP. Replacement was chosen as the best option to address the missing documentation and to validate the pipeline segments MAOP. This replacement also corrected operational and maintenance issues with the current regulator station.

FP-325916 - Odorizer Tank UPG, B'ham R-184

Q. Please describe FP-325916.

A. The 2024 costs for this funding project are \$77,687. This project added a 1,000 gallon odorant storage tank to increase capacity at Bellingham town border station odorizer. Additional capacity will provide adequate capacity between bulk odorant fills. This will reduce the risk of odorant running out.

FP- 325917 - INST ODRNT TANK, SEDRO W. Gate

Q. Please describe FP-325917.

A. The 2024 costs for this funding project are \$161,504. This project added an 2,000-gallon odorant storage tank to increase capacity at Sedro Wooley town border station odorizer. Additional capacity will provide adequate capacity between bulk odorant fills. This will reduce the risk of odorant running out.

FP-325970 - Fredonia New Catalysts

Q. Please describe FP-325970.

A. The 2024 costs for this funding project are \$33,831. This project installed new catalysts in the exhaust that will keep us operating within our permit requirements for the exhaust emissions we are allowed. If we fall out of these limits we cannot run the engine.

FP-325974 - Discharge Coalescent Filter 319839

Q. Please describe FP-325974.

A. The 2024 costs for this funding project are \$5,382. The discharge coalescent filter was installed to catch any debris or liquids that may be in the pipeline or come from the compressor. This will allow filtered gas to be discharged from the station reducing maintenance needs from downstream facilities.

FP-326011 - Instl HVAC/AC Unit Mt. Vernon

Q. Please describe FP-326011.

A. The 2024 costs for this funding project are \$10,649. The crew room was not climate controlled. This funding project installed an HVAC system to provide temperature-controlled space for hot summers and cold winters.

FP-326083 - Purch (2) Welding Reels Mt. Vernon

Q. Please describe FP-326083.

A. The 2024 costs for this funding project are \$3,528. This project is for the purchase of lockable welding reels that prevent leads from being stolen off the truck.

FP-326088 - Replace HVAC/AC Unit Shelton

Q. Please describe FP-326088.

A. The 2024 costs for this funding project are \$12,634. The existing HVAC unit, in the Shelton Office building, was failing. This project installed a new HVAC system to avoid continuous maintenance and repair.

FP-326097 - REPL HVAC/AC UNIT ELMA OFFICE

Q. Please describe FP-326097.

A. The 2024 costs for this funding project are \$5,783. The existing HVAC unit failed and was not repairable. This project is for the installation of a new system at the Elma Office.

FP-326098 - Purch Land Mt Vrn Office Burlington

Q. Please describe FP-326098.

A. The 2024 costs for this funding project are \$2,328,452 for the purchase of approximately 5 acres of undeveloped land at 15316 Josh Wilson Rd, Burlington, WA 98233.

Q. Why did the Company undertake FP-326098?

A. Phase 1 – Use the property as a laydown yard for pipe, equipment and other materials. Use the land for backhoe operator training and certification.

Phase 2 – Construct new Mount Vernon District headquarters and Construction Services Shop.

Q. How will Cascade customers benefit from FP-326098?

A. The land acquisition was a strategic investment for the utility. The land is currently being used as a laydown yard for pipe equipment and other materials for local construction projects. The existing facility isn't large enough to accommodate additional materials or equipment. Using this land offsets construction costs for land use that would typically be added to projects.

The current 1.5-acre property accommodates 41 employees, 44 fleet vehicles and employee vehicles. We rent an overflow parking lot across the street. The existing space is so tight, every time Construction Services work is conducted, material, vehicles, and equipment must be moved to allow room for fabrication. When completed, everything must be moved back. Moving into a larger adequately sized space will increase the efficiency of fabrication. Moving to a new space will allow us to cancel our lease on the overflow parking lot.

Another key benefit of the new property is the space for backhoe operator training and certification. By having a dedicated area for training, we can ensure that our employees are highly skilled and proficient in their roles. Our current facility doesn't have an excavation area, training and certification are performed out of area, requiring travel for the operators and the equipment. Well-trained operators lead to safer and more reliable services, which is a direct benefit to our customers.

Q. Did the Company consider alternative ways to meet the need for FP-326098?

A. We considered other commercial property along I-5. The property was significantly more expensive. We considered tearing the existing facility down and rebuilding at the same location. The 1.5 acre space isn't large enough to accommodate our district headquarters, 41 employees, 44 fleet vehicles, employee vehicles and a Construction Services shop.

Existing-property.

1.5-acres.



Q. Are there any offsetting O&M cost savings associated with this project?

A. Not applicable.

Q. When is this project expected to be placed in service?

A. Phase 1 – Laydown yard and backhoe operator training and certification was placed in service December 2024.

Phase 2 - District headquarters and Construction Services Shop will be placed in service in late 2026 or early 2027.

FP-326119 - UG - IRTH Solutions 2024-2025 CNG

Q. Please describe the project FP-326119.

A. The 2024 costs for this funding project are \$59,474. Irth Solutions is software to manage line locate tickets and CNGC's third-party damage prevention program. The software assists with risk scoring line locate tickets to identify higher risk work around the pipeline and intervene excavation to avoid potential damages to the pipeline.

FP-326127 - REPLACE RMLD LONGVIEW

Q. Please describe FP-326127.

A. The 2024 costs for this funding project are \$18,297. The existing Remote Methane Leak Detector (RMLD) unit failed and is not repairable. This project is to replace the RMLD unit.

FP-326130 - PURCH NEW LOCATOR TRANS-WENATCHEE

Q. Please describe FP-326130.

A. The 2024 costs for this funding project are \$1,290. This project replaced a damaged line locating tool in the Yakima District that was not repairable.

FP-326137 - GR; 4" PE; KELS; 500' 1700 13TH AVE

Q. Please describe FP-326137.

A. The 2024 costs for this funding project are \$17,850. This project is to install new main to reinforce gas system in response to increased growth and demand. Reinforcement reduced risk of losing service to customers during cold weather. Investment improved the reliability of gas system.

FP-326152 - Purchase 8" Clamp Kit Kennewick

Q. Please describe FP-326152.

A. The 2024 costs for this funding project are \$4,486. This project is to purchase line up clamps for electrofusion fitting installation in the Kennewick District. This tool is required to install and repair 8" plastic pipe which was installed in the Kennewick District for the first time in 2024.