



CITY OF TUALATIN

Staff Report

TO: Honorable Mayor and Members of the City Council

THROUGH: Sherilyn Lombos, City Manager

FROM: Nic Westendorf, Deputy Public Works Director

DATE: February 10, 2025

SUBJECT:

Resolution No. 5876-25 Authorizing the City Manager to Execute a Funding Agreement with Portland General Electric (PGE) Accepting up to a \$250,000 Renewable Development Fund (RDF) Award.

RECOMMENDATION:

Staff recommend approval of Resolution 5876-25.

EXECUTIVE SUMMARY:

On January 30, 2025, the City was selected to receive a \$250,000 award from Portland General Electric (PGE) to support installation of a micro hydro turbine in the City's water distribution system at the Tualatin City Services (TCS) site. The micro hydro turbine will generate approximately 278,000 kWh annually – the equivalent of powering 25.8 average US homes. This energy will cover the entirety of the TCS site's current use as well as projected future electricity needs due to increased use and fleet electrification. The City will enter into a net-metering agreement to receive credit from the energy produced against energy used, resulting in lower operating costs at the Tualatin City Services site.

Funds are made possible by PGE customers participating in the [Green Future programs](#) through the Renewable Development Fund. The Green Future programs allow PGE customers to opt-in to pay a little more on their monthly electricity bill to help fund local renewable energy projects.

This project aligns with the City's Climate Action Plan Strategy 4.2 – Carbon-free electricity supply.

This project also supports one Council priority – Environmental.

OUTCOMES OF DECISION:

If approved, the City will execute the Renewable Development Fund Award Agreement with PGE and begin work on the micro hydro turbine project. The project is expected to be complete this summer.

ALTERNATIVES TO RECOMMENDATION:

Council could not approve the resolution, and the City could decline the fund award.

FINANCIAL IMPLICATIONS:

The total cost to the City for the micro hydro turbine project is anticipated to be \$64,421.

The total project cost is \$920,705. This \$250,000 award from PGE, in addition to other external funding received for this project, result in a total anticipated cost to the City of \$64,421.

ATTACHMENTS:

- Resolution 5876-25
- Draft Renewable Development Fund Award Agreement