



## RESOLUTION NO. U-11432

1 A RESOLUTION relating to the City of Tacoma, Department of Public Utilities,  
2 Rail Division approving the acceptance of a grant funding award from the  
3 Puget Sound Regional Council, to assist with the acquisition of two zero  
4 emission locomotives and installation of the associated on-site charging  
5 infrastructure.

6 WHEREAS the City of Tacoma, Department of Public Utilities, Rail  
7 Division ("Tacoma Rail") and the Puget Sound Clean Air Agency (PSCAA)  
8 jointly applied for and were awarded a Congestion Mitigation and Air Quality  
9 (CMAQ) funding grant of \$3,645,000, through the Federal Highway  
10 Administration (FHWA), and

11 WHEREAS the application proposed to replace two existing unregulated  
12 diesel-electric locomotives with two zero emission battery-electric locomotives  
13 including the associated charging infrastructure, and

14 WHEREAS, upon completion, the project will improve air quality by  
15 eliminating emissions associated with the annual consumption of approximately  
16 65,000 gallons of diesel fuel from operational activities, and

17 WHEREAS it is in the best public interest to approve acceptance of said  
18 funding award; Now, therefore,

19 BE IT RESOLVED BY THE PUBLIC UTILITY BOARD OF THE CITY OF TACOMA:

20 That the acceptance of the grant funding award from the Puget Sound  
21 Regional Council which provides for a grant of \$3,645,000, to assist with the  
22 acquisition of two zero emission locomotives and installation of the associated  
23 on-site charging infrastructure, is hereby approved and the City Council is  
24 requested to approve and authorize said acceptance of such funding award,  
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1 and the proper officers are authorized to execute acceptance of said award  
2 substantially in a form as on file with the Clerk and as approved by the City  
3 Attorney.  
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5 Approved as to form:

\_\_\_\_\_ Chair

6 \_\_\_\_\_  
7 */s/*  
8 \_\_\_\_\_  
9 Chief Deputy City Attorney

\_\_\_\_\_ Secretary

10 \_\_\_\_\_  
11 Clerk

Adopted \_\_\_\_\_

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## Board Action Memorandum

**TO:** Jackie Flowers, Director of Utilities  
**COPY:** Charleen Jacobs, Director and Board Offices  
**FROM:** Dale King, Rail Superintendent  
**MEETING DATE:** January 10, 2024  
**DATE:** December 28, 2023

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### **STRATEGIC DIRECTIVE ALIGNMENT (select as many that apply):**

Please indicate which of the Public Utility Board's Strategic Directives is supported by this action.

- |  |  |
|--|--|
| <input type="checkbox"/> GP1 – Diversity, Equity, Inclusion, Belonging | <input type="checkbox"/> GP8 – Telecom                                       |
| <input type="checkbox"/> GP2 – Financial Sustainability                | <input type="checkbox"/> GP9 – Economic Development                          |
| <input type="checkbox"/> GP3 – Rates                                   | <input type="checkbox"/> GP10 – Government Relations                         |
| <input type="checkbox"/> GP4 – Stakeholder Engagement                  | <input checked="" type="checkbox"/> GP11 – Decarbonization/Electric Vehicles |
| <input checked="" type="checkbox"/> GP5 – Environmental Leadership     | <input type="checkbox"/> GP12 – Employee Relations                           |
| <input type="checkbox"/> GP6 – Innovation                              | <input type="checkbox"/> GP13 – Customer Service                             |
| <input type="checkbox"/> GP7 – Reliability & Resiliency                | <input type="checkbox"/> GP14 – Resource Planning                            |

**SUMMARY:** Tacoma Rail requests authorization to accept a grant funding award from the Puget Sound Regional Council, to assist with the acquisition of two zero emission locomotives and installation of the associated on-site charging infrastructure.

**BACKGROUND:** TPU-Rail was able to compete for a Congestion Mitigation and Air Quality (CMAQ) funding award through the Federal Highway Administration (FHWA) by submitting a joint application with the Puget Sound Clean Air Agency (PSCAA). The application proposed to replace two existing unregulated diesel-electric locomotives with two zero emission battery-electric locomotives including the associated charging infrastructure. Upon completion, the project will improve air quality by eliminating emissions associated with the annual consumption of approximately 65,000 gallons of diesel fuel from our operational activities.

**ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes**

**IF THE EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW IT IS TO BE COVERED.**

The project will likely extend into future biennial budget cycles and will be carried forward as necessary.

**IF THE ACTION REQUESTED IS APPROVAL OF A CONTRACT, INCLUDE LANGUAGE IN RESOLUTION AUTHORIZING \$200,000 INCREASE IN ADMINISTRATIVE AUTHORITY TO DIRECTOR? No**

**ATTACHMENTS:** Puget Sound Regional Council funding award letter.

**CONTACT:**

Primary Contact: Alan Matheson, Assistant Superintendent, 253-502-8934



**TO:** Elizabeth Pauli, City Manager  
**FROM:** Jackie Flowers, Director of Utilities  
 Dale W. King, Tacoma Rail Superintendent  
**COPY:** City Council and City Clerk  
**SUBJECT:** Resolution - Approve PSRC Grant Funding Award for Zero Emission Locomotive Project  
**DATE:** January 23, 2024

**SUMMARY AND PURPOSE:**

Tacoma Rail requests authorization to accept a grant funding award from the Puget Sound Regional Council, to assist with the acquisition of two zero emission locomotives and installation of the associated on-site charging infrastructure.

**BACKGROUND:** TPU-Rail was able to compete for a Congestion Mitigation and Air Quality (CMAQ) funding award through the Federal Highway Administration (FHWA), through a joint application with the Puget Sound Clean Air Agency (PSCAA). The application proposed to replace two existing unregulated diesel-electric locomotives with two zero emission battery-electric locomotives including the associated charging infrastructure. Upon completion, the project will improve air quality by eliminating emissions associated with the annual consumption of approximately 65,000 gallons of diesel fuel from our operational activities.

**COMMUNITY ENGAGEMENT/ CUSTOMER RESEARCH:**

The project will improve air quality by reducing diesel exhaust emissions in the Port area as well as for residents in identified environmental health disparities areas.

**ALTERNATIVES:**

Presumably, your recommendation is not the only potential course of action; please discuss other alternatives or actions that City Council or staff could take. Please use table below.

Alternative(s)	Positive Impact(s)	Negative Impact(s)
1. Reject the project funding opportunity and cancel the project.	None associated with this alternative.	Project is cost prohibitive without grant funding assistance.
2. Proceed with project at a later date without benefit of grant funding assistance.	None associated with this alternative.	Significantly delays other Capital Outlay projects which are currently planned.



**EVALUATION AND FOLLOW UP:**

Timely progression of project milestones is anticipated given that TPU-Rail staff has partnered with Public Works engineering staff to ensure proper reporting protocols are met.

**STAFF/SPONSOR RECOMMENDATION:**

Tacoma Rail recommends that City Council authorize acceptance of the Puget Sound Regional Council grant award.

**FISCAL IMPACT:**

Please provide a short summary of the fiscal impacts associated with the grant, agreement, policy action, or other action.

Fund Number & Name	COST OBJECT (CC/WBS/ORDER)	Cost Element	Total Amount
1. Fund 4500, TPU Rail	WBS-00126		\$3,645,000
2.			
<b>TOTAL</b>			

**What Funding is being used to support the expense?**

PROJECT IS BUDGETED IN TPU-RAIL'S 2023/24 CAPITAL OUTLAY PROJECTS.

**Are the expenditures and revenues planned and budgeted in this biennium's current budget?**

YES

**Are there financial costs or other impacts of not implementing the legislation?**

YES

**Will the legislation have an ongoing/recurring fiscal impact?**

YES

TPU-RAIL WILL BE RESPONSIBLE FOR INSPECTING AND MAINTAINING THE LOCOMOTIVES ONCE THEY ARE RECEIVED.

**Will the legislation change the City's FTE/personnel counts?**

No

**ATTACHMENTS:**



# Puget Sound Regional Council

1011 WESTERN AVENUE, SUITE 500 SEATTLE, WA 98104 • 1035 psrc.org • 206 • 464 • 7090

November 10, 2022

Christine Cooley, Executive Director  
Puget Sound Clean Air Agency  
1904 Third Avenue, Suite 105  
Seattle, WA 98101

Dear Ms. Cooley:

Congratulations! I'm pleased to let you know that the Puget Sound Clean Air Agency is receiving \$3,645,000 PSRC funding for the following project:

PROJECT	AWARD AMOUNT	FUNDING SOURCE	FUNDING DEADLINE
On Track for the Future: Tacoma Rail Battery-Electric Switcher Locomotive Replacement Project	\$3,645,000	FHWA	June 1, 2025

The projects are part of a \$5.4 billion Regional Transportation Improvement Program for 2023-2026 that was adopted by PSRC's Executive Board in October. Final approval by the Governor and federal funding agencies is expected in early 2023. This program includes a wide variety of investments over the next four years, addressing the needs of transit, state and local roadways, bicycle and pedestrian facilities, maintenance and preservation, and others.

Your project performed well in PSRC's merit-based project selection process, which identifies priority projects that will improve local and regional mobility and help achieve our long-range Regional Transportation Plan. Kudos to you and your staff for securing this funding.

Thank you and your team for continuing to provide essential services to your community throughout the pandemic. I look forward to continuing to partner with you on efforts to help the region thrive for the long term.

Sincerely,

Josh Brown  
Executive Director, Puget Sound Regional Council

cc: Kathy Strange, Air Quality Programs Director  
Amy Fowler, Policy Implementation Manager