



Goods Movement Emission Reduction Grant Program 2020/21 BAAQMD Locomotive Project Fact Sheet

The Bay Area Air Quality Management District (BAAQMD or District) is accepting applications for locomotive projects. This program is funded by and follows the guidelines of the California Air Resources Board's (ARB) **Proposition 1B: Goods Movement Emission Reduction Program (GMP, Program)**. For more information on the Goods Movement Program see: <https://ww2.arb.ca.gov/our-work/programs/proposition-1b-goods-movement-emission-reduction-program>

The GMP is a partnership between the California Air Resources Board (ARB) and local agencies to quickly reduce diesel emissions and health-risk from freight movement along California trade corridors. Projects funded under this Program must achieve early or extra emission reductions not otherwise required by law or regulation.

When will funding be available?

The District will accept applications for locomotive projects **through Friday, January 15, 2021**.

How much funding is available for locomotive projects?

The District has about \$20 million in California GMP Bond funding available for this funding cycle for all project categories including locomotive projects. Table 1 shows how the potential funding amounts vary based on the type of locomotive and when the locomotive project is completed.

Table 1: GMP Locomotive Project Funding Levels¹

Locomotive type	Fuel use requirement	Funding levels ²
Switcher (1,006-2,300 hp)	<i>Class 1, 2, and 3 with a minimum usage of 20,000 gal/ year</i>	75% up to \$1,875,000
	<i>Class 3 with usage of 5,000 to 19,999 gal/ year</i>	75% up to \$937,500
	<i>Class 3 with a minimum usage of 5,000 gal/year</i>	Tier 4 rail car mover 50% up to \$250,000
		Zero Emission rail car mover 75% up to \$500,000
Medium hp (2,300-4,000 hp)	<i>Class 1, 2, and 3 with a minimum usage of 20,000 gal/ year</i>	75% up to \$2,250,000
	<i>Class 3 with usage of 5,000 to 19,999 gal/ year</i>	75% up to \$1,125,000
Line-haul (4,001 hp +) 90-100% CA	<i>minimum usage of 20,000 gal/ year</i>	75% up to \$2,250,000
Line-haul (4,001 hp +) 75% CA	<i>minimum usage of 20,000 gal/ year</i>	60% up to \$1,800,000
Line-haul (4,001 hp +) 50% CA	<i>minimum usage of 20,000 gal/ year</i>	35% up to \$1,050,000
Line-haul (4,001 hp +) 30% CA	<i>minimum usage of 20,000 gal/ year</i>	15% up to \$450,000

¹ If the old equipment is banned from California operation instead of being scrapped, the funding amount is reduced by 20%.

² The percentage is based on the costs that are eligible for reimbursement under this program.

What equipment is eligible?

Equipment eligible to receive funding includes diesel-powered freight locomotives with no or minimal emissions control technology (i.e., uncontrolled, or meeting Tier 0 through Tier 2 standards).

What project types are eligible?

Eligible projects will replace or retrofit (retrofit includes rebuild, repower, remanufacture, filter installation, and all other modifications other than replacement) an uncontrolled, or Tier 0 through Tier 2 locomotives with a new engine or alternative technology that meets U.S. EPA Tier 4 or lower emission standards (1.30 grams per brake horsepower-hour (g/bhp-hr) or lower NOx and 0.03 g/bhp-hr or lower PM). For existing class 3 locomotives, replacement of Tier 0 through Tier 2 switchers to Tier 4 or zero emission rail car movers are also eligible. Projects involving a Locomotive Emissions Capture and Control System are also eligible for funding. Please contact the District for more information on these projects.

How will projects be selected?

District staff will evaluate all applications received during the solicitation period and submit a single approved-projects list to ARB for competitive ranking based on estimated emission reductions and cost-effectiveness. Applicants may request a reduced funding amount to increase a proposed project's competitiveness.

How can I apply?

Project applications are available on the District's website at www.baaqmd.gov/goods. Applications and all supporting documentation **must be received by the District electronically by Friday, January 15, 2021.**

Bay Area Air Quality Management District
Attn: Yu Zhang Liu
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Where can I find more information?

If you have any questions regarding this program or the application process, please contact Yu Zhang Liu by phone at (415) 749-8430 or by e-mail at: yliu@baaqmd.gov

Useful Resources:

- BAAQMD Goods Movement Program website: www.baaqmd.gov/goods
- ARB Goods Movement Emission Reduction Grant Program: <https://ww2.arb.ca.gov/our-work/programs/proposition-1b-goods-movement-emission-reduction-program>
- Update to Locomotive Grant Project Category, [Executive Order G-20-143](#)

This document is not a complete list of program requirements. Please see the ARB Goods Movement Emission Reduction Grant Program guidelines (<https://ww2.arb.ca.gov/our-work/programs/proposition-1b-goods-movement-emission-reduction-program>) for the complete program requirements.

**** Below is a summary of the program requirements from the 2015 ARB GMP guidelines with 2020 guideline updates and not a complete list of requirements.***

