

PERFORMANCE NOTE: AGENCY FORM

H.B 61

SHORT TITLE: Clean Air Programs

Joint Rule 4-2-404 requires a Performance Review Note anytime the legislature significantly increases funding for: New agency New services or benefits Serving a new or larger population

DUE TO THE FISCAL ANALYSIS: Friday, November 29, 2013

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HOW WILL THE PUBLIC BENEFIT?

1 What is the purpose and the duties of the new program, agency, services, or population served? JR4-2-404(4)(c)(i)

Providing funding for incentives for equipment replacements that reduce air pollutant emissions from transportation and consumer use of on-road and non-road engines and associated fuels.

2 What services are provided by the funding increase? JR4-2-404(4)(c)(ii)

The proposed bill language would also establish the Clean Air Retrofit, Replacement, and Off-road Technology (CARROT) Fund to provide grants for the development of exchange, rebate, or low-cost purchase programs to encourage the replacement of landscaping, maintenance, and other equipment and products with cleaner alternatives.

3 What are the expected outcomes of the new or expanded program and how will the public benefit? JR4-2-404(4)(c)(iii)

Vehicle and engine emission standards are regulated at the federal level, and Utah currently has limited opportunity to improve emissions from heavy-duty vehicles (e.g., large trucks, buses, and locomotives) and non-road equipment (e.g., construction and agricultural equipment, stationary generators, and lawn and maintenance equipment). The proposed bill would provide incentives to reduce emissions from these sources. Typical decreases in emissions from changing to the newest engine standards is on the order of 60-90% reduction in air emissions for the same unit of work performed.

4 How will the bill be implemented and what resources are available to achieve the expected outcomes? JR4-2-404(4)(c)(iv)

The bill changes the existing program to allow for grants and loans for newly-emerging heavy-duty electric-hybrid vehicle applications with significant air quality benefits, and provides funding for similar efforts for non-road equipment (e.g., construction and agricultural equipment, stationary generators, and lawn and maintenance equipment).

5 How will the proposed agency activities cause the expected outcomes and public benefit in 3?

By funding replacement and retrofit projects on a competitive basis to ensure that the projects have a quantified air quality benefit and that the projects with the highest benefit in cost per ton of reductions receive the priority for funding. The actual outcomes are documented through post performance reporting. The outcome of the existing programs have been in place for many years and the reporting and evaluation of projects is well documented. Additional incentives through public or private funding sources will be considered favorably in the analysis of the project benefit.

2. PERFORMANCE MEASURES:

What measures will managers and policymakers use to know if the new or expanded program is providing the expected outcomes and public benefits? Provide one, two, and three year goals or targets, actual results and measures if available to serve as a baseline, and outcomes.

Reporting from participants that will provide data to be used for calculating the number of vehicles/equipment to participate, annual and lifetime emission reductions, cost effectiveness evaluations, and health benefits for each activity.

Goal (public benefit): Improved air quality by reducing emissions from existing sources.

Measure Title:

Description:

Number of vehicles/equipment retrofitted or replaced via the CARROT Fund; passage of the proposed legislation would allow for 20-25 vehicle/equipment retrofits or replacements.

Number of vehicles/equipment retrofitted or replaced:

Fiscal Year:	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Target or Benchmark:	0	0	15	15	15
Baseline:	0	0	0	0	0

How will program managers collect this performance information and ensure its reliability?

Through project documentation in the application and post performance reporting of outcomes.

Goal (public benefit):

Measure Title:

Description:

Number of projects funded under the CFVT Fund; passage of the proposed legislation would allow ongoing support of alternative fuel vehicles/refueling infrastructure at current levels.

Number of projects funded:

Fiscal Year:	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Target or Benchmark:	11	13	13	13	13
Baseline:	11	13	13	13	13

How will program managers collect this performance information and ensure its reliability?

Through project documentation in the application and post performance reporting of outcomes.

Goal (public benefit):

Measure Title:

Description:

Fiscal Year:	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Target or Benchmark:					
Baseline:					

How will program managers collect this performance information and ensure its reliability?