



Performance Note
HB0211 - Freight Switcher
Emissions Mitigation
Sponsor: Rep. Handy, Stephen G.



Performance Note Report

Author: Scott Baird

Agency: Department of Environmental Quality

Funding For:

Serving a New or Larger Population

Public Benefit:

Purpose: The purpose and duties of the new program are to extend grant issuance under the Clean Air Retrofit, Replacement, and Off-road Technology (CARROT) program to cover emissions reduction equipment for freight switcher locomotives.

Services: The services provided by the funding increase are the repowering of one or more freight switcher locomotives that operate along the Wasatch Front.

Expected Outcome: The expected outcome of the new program is to reduce NO_x and particulate emissions and demonstrate the viability of emission reduction technologies for freight switcher applications.

Implementations and Resources: The bill will be implemented by the Utah Division of Air Quality which already administers the CARROT program.

How: The proposed activities will cause a reduction in air pollution in the Salt Lake nonattainment area for PM_{2.5} by repowering one or more switcher locomotives with EPA-certified emissions reduction equipment.

Performance Measures

Goal

Title: Freight switcher locomotive emissions reduction.

Description: Reduce emissions of NOx by 80% and emissions of PM by 90% for each locomotive repower.

Collection Method: Use EPA certificate of conformity for each re-power completed to assess emissions performance.

	2018	2019	2020
Percent Reduction of NOx Emissions	80.00	80.00	80.00
Percent Reduction of PM Emissions	90.00	90.00	90.00

By rule, performance notes are provided by the governmental entity that will supervise the new agency or administer the new program. Performance notes are not written by the Office of the Legislative Fiscal Analyst.