



# TIER IV SWITCHER VW GRANT ELIGIBILITY

AVAILABLE HP: 600, 1200, 1800

+ True Switcher replacement/repowers available in 600 and 1200 HP configurations for an SW locomotive

**MOVING FORWARD**



# \$2.7 BILLION VW ENVIRONMENTAL MITIGATION TRUST FUND

A goal to achieve reduction of NOx emissions in the United States. Beneficiaries are U.S. States, Indian Tribes, D.C., Puerto Rico:

- \$2.7 billion allocated over 10 consecutive years among states and 6 years for Indian Tribes and Puerto Rico on a % basis to fund actions that will reduce NOx emissions
- Based on Consent Decree between the U.S., California and VW regarding the VW 2.0L TDI settlement program

## SWITCHER LOCOMOTIVE

Eligible application for the NOx Mitigation Trust Fund if pre-Tier 4 and operating more than 1000 hours per year with one of the following actions:

- **Repower Switcher** with new diesel engine, including costs of installing engine
- **Replace Switcher** with new diesel locomotive
  - Switcher engine is to be certified to meet the applicable EPA emissions standards (or other more stringent equivalent state standard) as published in the CFR for the model year in which the Eligible Freight Switcher Mitigation Action occurs
  - Funding is allocated by state

## SWITCHER LOCOMOTIVE REPOWER OR REPLACEMENT

### Non-government owned:

- Up to 40% for engine repower with new diesel including generator sets
- Up to 25% for new diesel generator sets

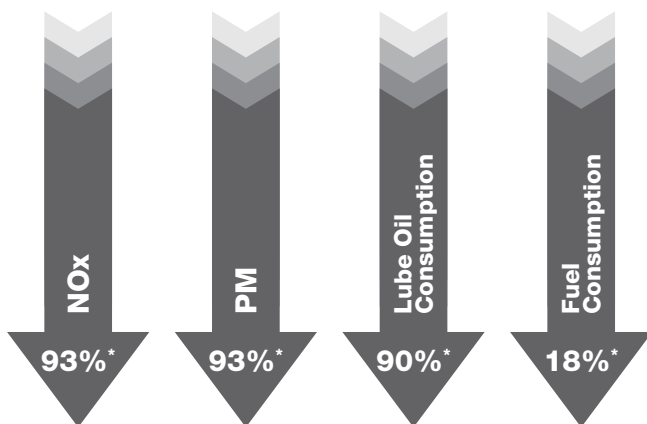
### Government owned:

- Up to 100% for engine repower with new diesel including generator sets
- Up to 100% for new diesel generator sets

### DERA Option:

- NOx Mitigation Trust Funds also may be used as nonfederal match for any project deemed eligible for funding under DERA grant guidelines

## TIER 4 LOCOMOTIVE REPOWERS REDUCE:



## Additional benefits include:

- Quieter: High speed engines provide less noise in the operator cabin and surroundings
- Leak free engines: Eliminates spillage on tracks and railroad customer's property

### DID YOU KNOW?

About 90% of switcher locomotives were built prior to 1985, long before emission regulations, therefore 10,000+ units in North America today are pre-Tier 0.

\*up to