

**Locomotive Project Fact Sheet**  
**2008 Bay Area Air Quality Management District Goods Movement Program**

**What is the Goods Movement Program?**

The Goods Movement Program is a state-funded program that offers grants to owners of heavy-duty diesel locomotives that move goods, with the objective of reducing air pollution emissions in the Bay Area.

**What types of locomotive projects are eligible for grants?**

Grants are available to help locomotive owners replace, rebuild or repower switcher and line-haul locomotives involved in freight movement operations.

**What are the grant requirements?**

<b>Eligible Equipment</b>	<p>Diesel-powered freight locomotives with no or minimal emissions control technology (i.e., uncontrolled, or meeting Tier 0 or Tier 1 standards).</p> <p>Equipment owner must demonstrate:</p> <ul style="list-style-type: none"> <li>• Operation in California for the past 2 years.</li> <li>• At least 50 percent operation within trade corridor(s) for the past 2 years.</li> <li>• Estimated diesel fuel usage greater than 20,000 gallons per year.</li> </ul>
<b>General Requirements</b>	<p>Equipment owner shall:</p> <ul style="list-style-type: none"> <li>• Scrap or ban old engine/locomotive from California operation.</li> <li>• Install an active GPS unit on both old (if not scrapped) and new equipment, fund data collection, and report location data.</li> <li>• Agree to equipment inspections.</li> <li>• Comply with record-keeping, reporting, and audit requirements.</li> <li>• Sign a legally binding contract with the local agency including project milestone and completion deadlines.</li> <li>• Properly maintain upgraded equipment in good operating condition and according to manufacturer's recommendations.</li> <li>• Demonstrate proof of equipment warranty and comprehensive insurance on upgraded equipment.</li> </ul>

<p><b>Option (1): Switcher Locomotive</b></p> <p><b>Requirements</b></p>	<p>Partial funding for the lower of <b>50% or \$750,000 per locomotive to replace, rebuild, or repower</b> an uncontrolled, Tier 0 or Tier 1 switcher locomotive with a new generator-set that achieves emissions of 3.5g/bhp-hr or less for NOx, and 0.1 g/bhp-hr or less for PM, or an alternative technology with equivalent emission levels using U.S. EPA engine certification test results with ARB verification. Eligible locomotive costs include a new chassis, a new or rebuilt engine, and mechanical/electrical systems components necessary for safe operation.</p> <p>Equipment owner shall:</p> <ul style="list-style-type: none"> <li>• Commit to 15 years of 100% operation within the trade corridors; periodic out-of-state maintenance may be permitted if outlined in the contract between the Air District and equipment owner.</li> </ul>
<p><b>Option (2): Line-Haul Locomotive</b></p> <p><b>Requirements</b></p>	<p>Partial funding for the lower of <b>50% or \$1 million per locomotive to replace or rebuild</b> an uncontrolled, Tier 0 or Tier 1 line-haul locomotive with a new Tier 2 or lower-emission engine. Eligible locomotive costs include a new chassis, a new or rebuilt engine, and mechanical/electrical systems components necessary for safe operation.</p> <p>Equipment owner shall:</p> <ul style="list-style-type: none"> <li>• Commit to 15 years of 100% California-only operation. This new intrastate line-haul locomotive shall use California ARB diesel fuel. Periodic out-of-state maintenance may be permitted if outlined in the contract between the local agency and equipment owner.</li> <li>• Commit to at least 50% of operation in trade corridors for duration of contract term.</li> </ul>

**When will applications be available?**

Applications will be available on the Air District website <http://www.baaqmd.gov/goods> on June 16, 2008. The Air District will accept completed applications through August 15, 2008. For more information, contact Joseph Steinberger at 415-749-5018 or [jsteinberger@baaqmd.gov](mailto:jsteinberger@baaqmd.gov).