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Carl Moyer Program Advisory: 07 - 006

Case-by-Case Consideration for On-Road Heavy-Duty Mechanical to Electronic Repowers

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The Carl Moyer Program Guidelines require districts to receive a case-by-case approval from the Air Resources Board (ARB) for all mechanical to electronic repower projects. This Advisory informs districts as to what information must be provided to ARB to determine eligibility of these projects. For ARB to fully evaluate eligibility of on-road heavy-duty mechanical to electronic repower projects, the following must be provided by the district to its ARB liaison:

- A written narrative from district staff that describes the project.
- A complete project application including, at a minimum, detailed information about the existing vehicle and engine and information about the new engine.
- A quote for the cost of an engine rebuild, and a detailed itemized quote for the repower, including the cost of the engine and retrofit device, necessary parts, and a labor estimate from the installer doing the work. This should include the labor rate and itemized hours.
- A written statement from the installer that all the parts and labor are necessary to do the repower.
- A written statement that the installer is authorized by the manufacturer to perform the installation, that the installer warrants their work, and that the installation does not invalidate the manufacturers' warranty.
- Two years worth of mileage logs or fuel receipts for the subject vehicle depending on whether annual mileage or fuel use will be used to calculate cost-effectiveness.
- If a diesel emission control strategy (DECS) other than a Level 3 DECS (achieving 85% PM and 25% NOx reductions) is used, then information and documentation substantiating why the use of a lower Level DECS is justified, must be provided.

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.

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- Documentation confirming that the chassis is in good working order, and will last the length of the project life. Documentation may include, but is not limited to, dealer inspection and subsequent report substantiating that the chassis is structurally sound and will last the project life, California Highway Patrol, Biennial Inspection of Terminals (BIT) inspection report, or, language in contract that stipulates that the chassis must operate for the length of the project life. The District may provide other information in lieu of the proceeding, provided this information is sufficient to demonstrate that the chassis will last the project life.

The above list may not be exhaustive; your ARB liaison may request additional information for some case-by-case determinations. For more information about the Carl Moyer Program, please visit <http://www.arb.ca.gov/msprog/moyer/moyer.htm>.