

CLEAN DIESEL FUNDING PROGRAMS - APPLICATION

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| See Instructions, application page 3. For further information visit https://metroenergy.org/procurement Submit completed Application by email to rfa@metroenergy.org | | | |
| LEGAL NAME OF ORGANIZATION | | TELEPHONE NUMBER WITH AREA CODE | |
| MAILING ADDRESS | CITY | STATE | ZIP CODE |
| A. APPLICANT INFORMATION | | | |
| 1. Type of Applicant (Check one) <input type="checkbox"/> Private Entity <input type="checkbox"/> Government Organization <input type="checkbox"/> Other (Explain) | | | |
| COMPANY OR ENTITY THAT IS APPLYING FOR FUNDING | | UEI #: | FEIN : |
| 2. NAME OF AUTHORIZED OFFICIAL | | TITLE | |
| MAILING ADDRESS | CITY | STATE | |
| ZIP CODE | PHONE NUMBER WITH AREA CODE | EMAIL ADDRESS | |
| 3. PROJECT MANAGER (mark SAME if same as Authorized Official) | | TITLE | |
| MAILING ADDRESS | CITY | STATE | |
| ZIP CODE | PHONE NUMBER WITH AREA CODE | EMAIL ADDRESS | |
| B. PROJECT SUMMARY | | | |
| 4. TOTAL PROJECT BUDGET (INCLUDING VEHICLE(S) AND NECESSARY CHARGING INFRASTRUCTURE). Provide full budget details in Budget Table. \$ | | REQUESTED FUNDING \$ | |
| 5. ANTICIPATED MONTH PROJECT WILL BE COMPLETED (MUST BE PRIOR TO SEPTEMBER 2023) | | 6. NUMBER OF VEHICLES APPLYING TO REPLACE OR UPFIT | |
| 7. BRIEF PROJECT DESCRIPTION | | | |
| C. APPLICANT AGREEMENT | | | |
| I hereby certify that: | | | |
| <ul style="list-style-type: none"> • The information in this application is true and correct. • The organization that I represent has sufficient resources to conduct this project while awaiting reimbursement from MEC. • I agree to MEC's terms and conditions, which include reporting and outreach during the project period. • Reporting will include participating in occasional informational interviews by MEC staff. • Outreach may include peer-to-peer information sharing at conferences and/or presentations to local business leaders in deployment area. • I agree to the EPA's Terms and Conditions. | | | |
| 8. SIGNATURE OF AUTHORIZED OFFICIAL | | | DATE |
| | | | |

| D. PROJECT DETAILS | | | | | |
|--|--|--|--|--|--------------------------------|
| Enter details of your project. If applying for 2 or more trucks, include data for each truck in Budget Table/Fleet Data Sheet. Attach emission certificates (required) and vendor quotes (optional). | | | | | |
| 9. Type of Project | | <input type="checkbox"/> Vehicle Replacement <input type="checkbox"/> Engine Replacement <input type="checkbox"/> Vehicle Conversion | | | |
| 10. Duty Cycle | | <input type="checkbox"/> Terminal Truck | <input type="checkbox"/> Bus (School or Transit) | <input type="checkbox"/> Long Haul Freight | <input type="checkbox"/> Other |
| 11. Briefly describe operations and operating conditions | | | | | |
| 12. Location of Operation | | | | | |
| Preferred markets are Kansas and Missouri, followed by Iowa and Nebraska. List the percent of operating time the vehicle spends in each county/area listed in this table (add rows if necessary). Operating time should total 100 percent. | | | | | |
| COUNTY (state)/AREA | | | PERCENT OF OPERATING TIME | | |
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| 13. Outreach | | | | | |
| State availability for peer networking and panel presentations to peers and industry in the region and/or nationally; also state limitations on availability. | | | | | |
| 14. Project Sustainability Beyond Project Period | | | | | |
| Please briefly discuss ways you plan to maintain or grow the electric or alternative fuel vehicle program after the project period ends. | | | | | |

Instructions:

Metropolitan Energy Center intends to award \$94,000 for projects that can begin immediately. These funds are redirected from cancelled projects in an FY18 grant (Mid-America Clean Diesel). Projects must begin immediately and complete prior to September 2023. Preferred markets are Kansas and Missouri, followed by Iowa and Nebraska.

This is a reimbursement program. After MEC approves projects for Award, applicants may begin procurement and proceed to fulfill all program requirements under MEC’s guidance. Upon MEC staff site visit following truck deployment and submission of required documentation, the applicant will receive reimbursement for the amount specified in the Award. The maximum amount of funding applicants may request through this opportunity is \$94,000.

The deadline to submit applications to Metropolitan Energy Center is January 26, 2023, by 2 p.m. CST. Applications must be submitted through email to rfa@metroenergy.org. Applicants may direct all questions pertaining to this application to jeff@metroenergy.org; please include in the subject line of the email, ‘Query for DERA RFA’.

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| Application Deadline | January 26, 2023, by 2p.m. CST |
| Notification Timeframe | Early February 2022 |
| Deployment Deadline | August 31, 2023 |

Section A. Applicant Information

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| 1. Type of Applicant | See a description of eligible entities below. Please include entities UEI and FEIN Numbers. |
| 2. Authorized Official | Enter the contact information for the person authorized to enter into an agreement with MEC. |
| 3. Project Manager | Enter the contact information for the main point of contact for the project (this could be the same person as authorized official). |

Section B. Project Summary

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| 4. Total Budget and Funds Requested | Total project cost should equal the sum of the cost share and the requested funding for all projects (Federal funds requested) |
| 5. Anticipated Month Project will be Completed | Enter the anticipated month when truck deployment will be completed. (Completion means the new vehicle/motor is purchased and in service) |
| 6. Number of Vehicles to Replace or Remanufacture | Enter total number of vehicles you are including on the application for replacement or remanufacture. |
| 7. Project Description | Enter a brief summary of your proposed project. Include any relevant information about your proposed project that is not provided in the other application fields. |

Section C. Applicant Agreement

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| 8. Signature and Date | Authorized official shall sign and date in the signature field to certify that the statements and information provided in this application are true and accurate. By signing and dating, the applicant agrees to provide the required documentation and assurance necessary for funding. |
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Section D. Project Details

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| 9. Type of Project | Check all that apply. Indicate whether you want to replace a diesel vehicle, replace a diesel engine or install alternative fuel conversions on an existing diesel engine. Attach emission certificate(s). |
| 10. Duty Cycle | Check all that apply. Indicate what duty cycle your project operates. If none of the options applies, enter a short description (example: Class 8 utility/work truck) |
| 11. Briefly describe operations and operating conditions | Enter a short description of the job the affected vehicles do (examples: Class 8 trucks used for off-road port drayage and goods movement in suburban setting; or urban transit fleet on short routes; rural school bus fleet running 2 daily routes) |
| 12. Location of Operation | Enter percent of operating time the vehicle you want to replace or upgrade spends in each county/area listed. Operating time should total 100 percent. |
| 13. Outreach | State availability for peer networking and panel presentations to peers and industry in the region and/or nationally; also state limitations on availability. |
| 14. Project Sustainability | Briefly discuss ways in which you plan to enhance project sustainability. Priority may be given to projects where applicants can explain and demonstrate their ability to keep cutting emissions after the project ends. Possible approaches: the project’s inclusion in a broader-based environmental or air quality plan; the implementation of idle-reduction policies; plans for additional deployments of cleaner fuels and vehicles, or a documented commitment to continue to identify and address air quality issues in the affected community. |

Budget/Award Amounts

Applicant must indicate the full budget for the project, regardless of the amount of requested funds. This will include the actual cost of the new truck; or for an upgrade the actual cost of the preparing the chassis, the new engine, engine configuration parts, and the labor necessary to uninstall the old engine and install the new. This also includes the cost of the charging infrastructure associated with a new all-electric engine, if required.

Fill out the Fleet Data Sheet to populate the Budget Table in the required excel document attachment.

Applicant cost sharing requirements range from 40% to 75% of project costs, depending on technology deployed. Beneficiary would be eligible for reimbursements of up to 25% of total vehicle cost to replace diesel vehicles with new propane, CNG or LNG models using EPA-verified engine technologies. If a beneficiary opts for the optional CARB near-zero engine for natural gas or propane, the reimbursement is 35%. If a beneficiary opts for zero emission electric vehicles, the reimbursement rate is up to 45%, which can also apply to limited electric charging installation costs necessary for the new EVs. Conversion of a diesel vehicle to alternative fuels – propane, natural gas or 100% biodiesel – is eligible for up to 40% of labor and equipment costs. *(See RFA page 3, Table 1 – Cost Sharing Requirements)*

Applicants willing to forgo some funding (for instance, asking for 20% reimbursement instead of 25%) will improve their chances of selection, though forgoing funding does not guarantee a successful application.

Eligible Projects

The geographic scope of selected projects will be limited to Kansas and western Missouri, with some consideration for projects based in other areas of EPA Region 7 (KS, MO, IA, and NE).

New or converted AFVs must be powered by compressed natural gas (CNG); liquefied natural gas (LNG); propane (LPG); hydrogen, or electricity. Vehicles must be Class 5-8 diesel vehicles. Eligible categories include school or transit buses, terminal trucks, work trucks, trash haulers, short-haul delivery trucks and long-haul freight tractors.

Other restrictions apply.

- Applicants cannot use DERA funding to enlarge a fleet or for fueling infrastructure (except for limited electric charging support).
- All units being replaced under this program must be destroyed. There are specific requirements on how vehicles can be destroyed, including photographs, invoices and scrapping methods.
- Any income from scrapping old units will reduce the amount of funding Beneficiaries receive in reimbursement.
- Old units must be scrapped within 90 days from the date that replacement vehicles are placed in service.
- Non-diesel vehicles/equipment are not eligible for replacement,
- Diesel vehicles and engines ranging from Engine Model Year (EMY) 1996 through 2009 are eligible for replacement, engine replacement or conversion with different technologies. If you plan to replace diesel vehicles EMY 2007-2009, they must be replaced with electric models. *(See RFA page 6, Table 3 – Engine Model Year and Technologies)*
- To ensure the planned replacement or upfit is certified and eligible for use under these funds, search engine family names through CARB, listed by EMY, class and OEM.
<https://ww3.arb.ca.gov/msprog/onroad/cert/cert.php#6>
- New vehicles must perform substantially the same work as the units they replace and have substantially the same horsepower and displacement. Increases of up to 10% of GVWR within an engine's intended service class may be allowed for vocational trucks, but EPA must agree to variances like this before purchase.

Evaluation Criteria

Complete and eligible applications will be ranked in each of the following categories, weighted by rank, and given a final score.

| Category | Weight |
|--|---------------|
| Cost Effectiveness (based upon cost sharing percentage) | 25 |
| Diesel fuel reduced (fuel volume displaced) | 40 |
| Operating Geography: KS/MO = Rank 1 NE/IA = Rank 2 | 20 |
| Duty Cycle: Urban Freight/Multimodal Yards = Rank 1 School / Transit Buses = Rank 2 All Others = Rank 3 | 10 |
| Outreach Participation | 5 |

Summary of Application Documents

- Application Form (this document)
- Budget Table and Fleet Worksheet
- Attachments, such as emission certificates and vendor quotes