

**REQUEST FOR APPLICATIONS (RFA)****REALLOCATION OF FY MID-AMERICA CLEAN DIESEL PROGRAM FUNDING**


**Metropolitan**  
ENERGY CENTER

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**Applications are due **January 26, 2023**, by 2:00 CDT.  
Email applications only – hard-copy applications will not be accepted.  
Please send applications to [RFA@metroenergy.org](mailto:RFA@metroenergy.org)**

**RFA –Reallocation of FY 18 Mid-America Clean Diesel Program Funding**

<b>RFA Issue Date:</b>	<b>1/5/23</b>
<b>Pre-Application Meeting:</b>	<b>None. View recording from Nov 2022 RFA. <a href="https://www.youtube.com/watch?v=sbhXHAJ-lak">https://www.youtube.com/watch?v=sbhXHAJ-lak</a></b>
<b>RFA Questions Deadline:</b>	<b>1/17/23</b>
<b>RFA Submission Deadline:</b>	<b>1/26/23 - 2:00pm CT</b>
<b>Expected Date for MEC Selection Notification:</b>	<b>Early February 2023</b>
<b>Updates, Q&amp;A, etc.:</b>	<b><a href="https://metroenergy.org/procurement">https://metroenergy.org/procurement</a></b>
<b>Deployment Completion Deadline:</b>	<b>August 31, 2023</b>

**Funding allocations:**

Federal funding to be re-allocated from this FY18 grant is approximately **\$94,000**.

Project cost sharing requirements range from 40% Applicant/60% Fed to 75% Applicant/25% Fed, depending on the approach selected and the specific technology deployed.

**RFA Information:**

<https://metroenergy.org/procurement>

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## I. Project Overview

### A. Project Summary and Background

The principal goal of this RFA is to select organizations that will become Beneficiaries under an existing grant funded through EPA’s Diesel Emissions Reduction Act (DERA) program. New projects, supported by approximately \$94,000 in federal funds, will be authorized to begin work in early 2023 and must be completed by August 31, 2023.

MEC’s priority criteria for applicant selection include cuts in emissions affecting vulnerable populations, reduced use of petroleum diesel in school buses, electrification of heavy diesel vehicles and Beneficiary participation in outreach and public awareness campaigns.

Projects are limited to alternative fuel engine or vehicle replacements and alternative fuel conversions that will achieve significant reductions in pollution emitted from diesel engines. Successful applicants will become Beneficiaries under MEC-managed projects funded by the U.S. Environmental Protection Agency’s National Clean Diesel Program.

### B. Site Locations

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).

### C. Funding Allocations and Cost Sharing

Federal funding allocated from the program: \$94,000. Minimum funding request allowed per applicant is \$25,000; maximum funding request is \$94,000.

Applicant cost sharing requirements range from 40% to 75% of project costs, depending on technology deployed. 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. A summary table with cost sharing requirements is followed by additional information.

**Table 1 – Cost Sharing Requirements**

<u>Project Type</u>	<u>Maximum Federal Reimbursement</u>	<u>Minimum Local Cost Share</u>
<i>Vehicle Replacement</i>		
CNG, LNG, Propane	25%	75%
CNG, LNG, Propane w. CARB low-NOx standard	35%	65%
Zero Emission: Electric or Fuel Cell	45%	55%
<i>Engine Replacement</i>		
CNG, LNG, Propane	40%	60%
CNG, LNG, Propane w. CARB low-NOx standard	50%	50%
Zero Emission: Electric or Fuel Cell	60%	40%
<i>Conversion</i>		
100% Biodiesel, CNG, LNG, Propane	40%	60%

Vehicle Replacement

Beneficiaries are eligible for reimbursements of up to 25% of total vehicle cost to replace Class 5 through 8 diesel vehicles with new propane, CNG or LNG models using EPA-verified engine technologies. If a Beneficiary opts for replacement with EPA-verified technology under the California Air Resources Board low-NOx standard, the reimbursement cap is 35%. If a Beneficiary opts for replacement with zero emission electric vehicles, the reimbursement rate is capped at 45%, which can also apply to limited electric charging infrastructure.

Engine Replacement

Beneficiaries selecting engine replacement are eligible for 40% of equipment and labor costs for replacing a diesel engine with propane, CNG or LNG; 50% of costs to replace an engine with a propane, CNG or LNG engine meeting CARB low-NOx standards; or 60% of costs to replace a diesel engine with a zero-emission (electric or fuel cell) engine.

Engine Conversion

Conversion of a diesel vehicle to alternative fuels – limited in this application to propane, natural gas or 100% biodiesel – is eligible for up to 40% of labor and equipment costs.

Table 2 shows examples of how these cost sharing splits might play out in various scenarios.

**Table 2 - Cost Sharing Scenarios**

<b>Project Description</b>	<b>Total Project Cost</b>	<b>Cost Sharing Split</b>	<b>Local Cost Share</b>	<b>Federal Reimbursement</b>
Replace 1 Class 8 yard truck with a zero-emission unit	\$245,000	45% Federal 55% Local	\$151,250	\$110,250
Replace 3 diesel school buses with propane buses	\$324,000	25% Federal 75% Local	\$243,000	\$81,000
Replace engines for five Class 8 diesel work trucks with CNG engines meeting CARB low-NOx standard	\$75,000	50% Federal 50% Local	\$37,500	\$37,500
Converts engines in long haul freight trucks to run on 100% biodiesel	\$40,000	40% Federal 60% Local	\$24,000	\$16,000

**D. Selection and Award Information**

The anticipated time for selection of Beneficiaries is **early February 2023**. Deployments and scrapping must be completed by August 31, 2023.

These funds are provided through EPA grants to MEC and will be administered by MEC in accordance with applicable EPA rules and regulations. Funding will be provided on a reimbursement basis. Costs incurred by prospective participants during the application process are ineligible for reimbursement. MEC anticipates making one (1) to two (2) awards, depending on RFA responses and funding availability. Project award is limited only by available funds. MEC reserves the right not to award any Applicants or to offer partial funding to Applicants.

## E. Eligibility

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

New or repowered alternative-fuel vehicles must be powered by compressed natural gas (CNG); liquefied natural gas (LNG); propane (LPG); electricity; or 100% biodiesel. Vehicles being replaced, repowered or converted 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 should 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 the 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 2006-2009, they must be replaced with electric models.
- 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.
- Diesel vehicle engine plates contain engine family numbers. 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>

Funding for this RFA comes from EPA's FY18 DERA National Grant program. Because DERA program rules can change from year to year, eligible vehicles and technologies vary from one funding cycle to the next. Eligibility of old vehicles is based on Engine Model Year (EMY) and on the technology selected (propane, electric, etc.). Please note that vehicle MY and EMY are not necessarily the same. That is, an MY 2007 truck may have an EMY 2006 engine and would be eligible for CNG or propane vehicle replacement, for example, but not be eligible for full vehicle replacement unless with a zero-emission model.

The following chart shows eligible engine age and technology combinations.

**Table 3 – Engine Model Year and Technologies**

Current Engine Model Year (EMY)	Vehicle or Engine Replacement with Alternative Fuels	Zero-Emission Vehicle or Engine Replacement	Alternative Fuel Conversion
Older – 1995	No	No	No
1996-2006	Yes	Yes	Yes
2007-2009	No	Yes	Yes
2010-newer	No	No	No

## II. Program Goals and Benefits

The principal goal of this program is to implement alternative fuel engine and vehicle replacements that will achieve significant reductions in pollution emitted from diesel engines. Projects that cut diesel emissions in areas of poor air quality, or where emissions negatively impact low-income communities are a priority for DERA programs. Similarly, projects to remove diesel units from school bus fleets in favor of cleaner alt-fuel models reflect DERA priorities and will be assessed accordingly.

Projects on the leading edge of technology development and that encourage innovation by service providers and regional peers are encouraged. Data capture and lessons learned are important goals. These will be leveraged into project success stories and shared through our business and community relationships using targeted outreach and educational peer-to-peer presentations. Together, deployments and outreach will encourage adoption of increased numbers of alternative fuel vehicles. Long-term benefits and outcomes will include:

1. Reduction of NO<sub>x</sub>, PM 2.5 and other air pollutants.
2. Encouraging expanded use of alternative fuels and electric vehicles, with the goal of achieving a self-sustaining regional alt-fuel market.

Beneficiaries are expected to work with the Kansas City Regional Clean Cities Coalition to maintain their alternative fuel deployments long-term and are required to provide information to MEC on vehicle mileage and fuel consumed.

## III. Criteria for Evaluation

Applicants will be notified if additional information or documentation is required. All information required to complete the Application for funding is provided in this RFA. Any additional information pertaining to submissions, including email and phone calls, will not be considered once the review process is under way.

All Applications will be assessed by a Review Committee consisting of MEC staff and other members offering technical evaluations and assistance, as necessary.

When evaluating projects for funding, the Review Committee will consider the criteria listed below. Overall Application quality, with all required information in a clear and concise format, is

a prevailing consideration. The potential maximum number of points is listed to the right for each category. Complete and eligible applications will be ranked in each of the following categories, weighted by rank, and given a final score. In addition, favorable consideration will be given to projects that can be concluded in a timely manner. Specifically, this means proposals that can be completed on or before August 31, 2023, in the professional judgement of the individuals and organizations applying. This completion deadline applies both to the destruction of eligible old vehicles and the deployment of eligible new vehicles, and to conversions or engine replacements.

<b>Category</b>	<b>Weight</b>
Cost Effectiveness (cost share)	<b>25</b>
Diesel fuel reduced (fuel volume displaced)	<b>40</b>
Operating Geography: KS/MO = Rank 1 NE/IA = Rank 2	<b>20</b>
Duty Cycle: Urban Freight/Multimodal Yards = Rank 1 School/Transit Buses = Rank 2 All Others = Rank 3	<b>10</b>
Outreach Participation	<b>5</b>
<b>TOTAL</b>	<b>100</b>

#### IV. Pre-Application Webinar and Information

There will be no Pre-Application webinar for this re-issuance of the DERA 18 RFA. There is a recording of the Pre-Application webinar from a previous issuance of this DERA 18 RFA. NOTE: The available funding and deadlines are different. Please refer to this document for correct dates and amounts.

That recording can be viewed at this link: <https://www.youtube.com/watch?v=sbhXHAJ-lak>. It is also accessible at <https://metroenergy.org/procurement/>.

Applicants still have the opportunity to ask questions about the program and application process. Applicants are encouraged to submit questions in writing to Jeff Windsor at Metropolitan Energy Center at [rfa@metroenergy.org](mailto:rfa@metroenergy.org). Questions will be accepted until **January 17**. MEC will respond to all questions publicly via an FAQ on its website, at [metroenergy.org/procurement](https://metroenergy.org/procurement). Emails should use the subject line: “Query for DERA RFA”.

#### V. Application Submission

MEC is not responsible for technical or transmittal issues when submitting a grant application. All applications with a MEC inbox timestamp later than 2:00 PM CDT on **Thursday, January 26, 2023**, will automatically be disqualified from the current funding round with no exceptions. Only electronic applications will be accepted. Hard copy applications will not be accepted. Please e-mail your application documents to [rfa@metroenergy.org](mailto:rfa@metroenergy.org), with the subject: “**Clean Diesel**”

**Funding <Applicant Name>”. Applicants will receive an e-mail response notification of the receipt of their application within two business days upon submission.**

### **Summary of Application Documents**

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

## **VI. Administrative Information**

### **A. Proprietary/Confidential Information**

Any restrictions of the use of or inspection of material contained within the Application shall be clearly stated in the Application itself. Written requests by the Applicant for confidentiality shall be submitted to MEC in advance of the Application submission deadline, along with the Application material. The Applicant must state specifically what elements of the Application are to be considered confidential/proprietary.

Confidential/Proprietary information must be clearly identified, marked, and separated/ packaged from the rest of the Application. Co-mingling of confidential/proprietary and other information is not acceptable. Neither an Application in its entirety, nor Application price information will be considered confidential and proprietary. Any information that will be included in any resulting Agreement cannot be considered confidential.

### **B. Organizational Conflict of Interest – Requirements of this Application and Subsequent Agreement**

Any business entity or person is prohibited from being awarded an Agreement, if the business entity or person has an “Organizational Conflict of Interest”, as described below, with regard to this solicitation and the resulting Agreement. Applicants should provide a brief written statement noting any conflict of interest.

No person or business entity engaged by MEC to prepare the original grant Application, or who has access prior to the solicitation to sensitive information related to this procurement process, including, but not limited to requirements, statements of work, or evaluation criteria, will be eligible to directly or indirectly submit or participate in the submission of an Application for this grant solicitation. MEC considers such engagement or access to be an Organizational Conflict of Interest, which would cause such business entity or person to have an unfair competitive advantage.

If MEC determines that an Organizational Conflict of Interest exists, MEC has discretionary power to cancel the Agreement award. In the event the Awarded Applicant was aware of an Organizational Conflict of Interest prior to the award of the Agreement and did not disclose the conflict to the procuring agency, MEC may terminate the Agreement for default.

### **C. RFA Response Material Ownership**

MEC has the right to retain Applicants’ original Applications and other RFA response materials for its files. As such, MEC may retain or dispose of all copies as is lawfully deemed appropriate.



MEC has the right to use any or all information/material presented in reply to the RFA, subject to limitations outlined in the section, Proprietary/Confidential Information. Applicant expressly agrees that MEC may use the materials for all lawful purposes, including the right to reproduce copies of the material submitted for purposes of evaluation, and to make the information available as required by law or regulation.

#### **D. Binding Offer**

An Application submitted in response to this RFA shall constitute a binding offer. Acknowledgment of this condition shall be indicated by the signature on the Application of the Applicant or an officer of the Applicant legally authorized to execute contractual obligations and shall bind the Applicant to the Application. By submitting an Application, the Applicant affirms its acceptance of the terms and requirements of this RFA, including its attachments and appendices, without exception, deletion, or qualification - and does so without making its offer contingent. The Applicant further agrees to cooperate with MEC and expedite the contracting process upon notice of award. MEC reserves the right to make partial awards or no awards.

#### **E. Debarment and Suspension**

By submitting an application in response to this RFA the Applicant certifies that it, its principals, and proposed sub-contractors (if any):

- Are not presently debarred, suspended, proposed for disbarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal debarment or agency;
- Have not within a three-year period preceding the Due Date of this Application been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or Agreement under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;
- Are not presently under investigation for, indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in Paragraph IV.K.2 of the Code of Federal Regulations (CFR); and
- Have not within a three-Year period preceding the Due Date of this Application had one or more public transactions (Federal, State, or local) terminated for cause or default.

If the Applicant is unable to certify to any of the statements in this certification, an explanation must be provided as an attachment to the Application. This explanation is exempt from page limitations on the Application, if any apply. The inability of the Applicant to provide the certification will not necessarily result in disqualification of the Applicant. The explanation will be considered in connection with MEC's determination whether to select an Applicant.

#### **F. Disclaimer:**

All statistical and fiscal information contained within this RFA, and any amendments and modifications thereto, reflect the best and most accurate information available to MEC at the time of RFA preparation. No inaccuracies in such data shall constitute a basis for legal recovery of damages or protests, either real or punitive, except to the extent that any such inaccuracy was a result of intentional misrepresentation by MEC.

**G. Federal Employer Identification Number (FEIN)**

Applicant is required to provide their FEIN in their Application.

**H. Unique Entity Identifier (UEI) Number**

As of April 4, 2022, the federal government no longer uses the Data Universal Numbering System (“DUNS Number”) to identify business and organizations. Instead, a new system, the Unique Entity Identifier, is required to participate in federal grant and other programs. Applicants for this funding are required to provide their UEI as part of their application. Organizations Registered with the System for Award Management (“SAM”) have already been provided a UEI and can simply visit <https://sam.gov/content/home> to retrieve their UEI. To apply for a UEI, please visit <https://www.gsa.gov/about-us/organization/federal-acquisition-service/office-of-systems-management/integrated-award-environment-iae/iae-systems-information-kit/unique-entity-identifier-update> for detailed information and instructions.

**I. Incurred Cost**

MEC is not liable for any cost incurred by the Applicant prior to issuance of a legally executed Agreement, purchase order or other authorized acquisition document.

**J. Compliance with all Federal, State and Municipal Laws and Regulations**

Successful Applicants (Beneficiary) shall comply with applicable Federal, State, and local laws and regulations in the performance of all work under resulting Agreement. Beneficiary shall obtain all Federal, State, and local permits, authorizations, and approvals of all work performed under the Agreement. This includes the governing grant agreement between MEC and EPA. See attached Prime Award Flowdown (Terms and Conditions).

**K. Beneficiary**

Successful Applicants who complete a contract agreement will be considered a Beneficiary of the Grant. Beneficiary will manage and expend funding to maximize these benefits, including commencing expenditures and activities as quickly as possible, consistent with prudent management. Contract planning, evaluation, and award to vendors will be required to align with the program’s core goal as stated above. MEC’s evaluation will be based in part on how the Application positively achieves each of the goals.

**VII. Selection Process**

Additional information may be requested from Applicants by MEC prior to final award determination. MEC is under no obligation to fund any Application and reserves the right to deny Applications for any reason. Funding is limited. Applications meeting all the program’s general policy guidelines may not necessarily receive an award. MEC reserves the right to delay any decision due to budgetary constraints.

MEC reserves the right to vary from the evaluation criteria listed within this document during the bid solicitation period as necessary or appropriate. Any modifications to evaluation criteria will be posted to MEC’s website. It is the responsibility of the Applicant to check for these changes.

The Selection Notices are anticipated to be made in **early February 2023**, and Applicants will be notified of the Review Committee’s determinations via email. Awardees are expected to sign and

return the Agreement to MEC within 3 weeks of receiving the document unless otherwise noted in writing by the MEC Contract Specialist

Funding decisions are final. Funds awarded are based on a competitive process where Applications are weighed against other Applications and overall program goals. Changes unapproved by MEC to an awarded Applicant's scope of work after funds are awarded will not be allowed and may result in the nullification of the award.

MEC reserves the right to make partial awards or no awards.

## VIII. Awarded Applicant Reporting and Payment Procedures

All funding is conditioned upon veracity of information provided within the Application and will require accountability and reporting by the successful Applicant (Beneficiary). Such reporting will be in accordance with the procedures developed and prescribed by MEC. MEC staff will also conduct periodic site visits during and after deployment/installation to ensure compliance with the Agreement. The following reporting requirements will be included in MEC's Agreement with the Beneficiary:

### A. Progress Reporting

Beneficiary will participate in monthly status calls with other project participants. In addition, it will submit on a quarterly basis a written progress report of activities under this Grant. The preparation of reports in a timely manner will be the responsibility of Beneficiary and failure to comply may result in the delay of payment of funds and/or termination of the Grant.

The report will refer to the status of work to be performed pursuant to this Grant, including a description of the deliverables and tasks completed during the reporting period. It will include a description of any findings or results, any unanticipated outcomes or roadblocks encountered, and any potential future Applications of project results. The report will indicate clearly whether work is proceeding according to schedule, ahead of schedule or behind schedule. If the work is behind schedule, the report must include a summary of the reasons for the delay and a plan of action to bring the project back on schedule, which will be subject to review and approval by the MEC prior to implementation.

Beneficiary will produce and submit to MEC a project completion report that provides a technical account of the total work performed and contains a comprehensive description of the work tasks specified herein, the results achieved, documenting the success/lessons learned/technology implementation of the project and shall include a financial status summary outlining expenditures.

Through the life of the project, Beneficiary will track performance metrics of deployed and installed equipment, including fuel volume used and/or dispensed, successes and problems encountered, and lessons learned.

### B. Annual Reporting

After the project concludes and through the life of the vehicles and/or deployed/installed equipment, Beneficiary will track and report to MEC on an annual basis performance metrics of deployed and installed equipment, including fuel volume used and/or dispensed, successes and

problems encountered, and lessons learned. This data and information will aggregate with our Clean Cities Annual Report to help justify program funding to the Clean Cities network nationwide.

Beneficiary must also maintain equipment on property registry, provide disposition information to MEC, and allow MEC access on at least a bi-annual basis to verify equipment through site visits until such time as the equipment has a fair market value of less than \$5,000.

### **C. Payments**

The following payment procedures will be included in MEC's Agreement with the Awarded Applicant (Beneficiary):

Payments must be made in accordance with the provisions set forth in the Grant. MEC will pay Beneficiary the reasonable, allocable, and allowable costs for equipment installed based on satisfactory monthly progress and required documentation of the work defined in the Grant, as determined by MEC.

The Beneficiary will be compensated only for equipment installed by the Beneficiary and accepted by MEC pursuant to the terms of the Grant. Payment will also be contingent upon MEC's timely receipt and acceptance of the required reports described herein.

The Beneficiary will be reimbursed based on the submission of a Request for Payment and an Invoicing Report form provided by MEC providing a detailed account of the amount of costs, including receipts/invoices, incurred relating to line items per the project budget. MEC will withhold payment of the final ten percent (10%) of the total amount until the Beneficiary has submitted, and MEC has accepted, all required narrative and financial progress reports enumerated in the Grant and Agreement.

**For more information, please contact:**

**Jeff Windsor, Contract Specialist**  
**Metropolitan Energy Center**  
**300 East 39<sup>th</sup> Street**  
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