

**Emissions Reduction Incentive Grant (ERIG)**  
**On-Vehicle Electrification & Idle Reduction Infrastructure**

**TCEQ-10430e**

**Solicitation No. 582-18-80795-0249**



**ELIGIBLE COUNTIES**

**Austin Area** (Bastrop, Caldwell, Hays, Travis, and Williamson Counties)

**Beaumont-Port Arthur Area** (Hardin, Jefferson, and Orange Counties)

**Corpus Christi Area** (Nueces and San Patricio Counties)

**El Paso Area** (El Paso County)

**Dallas-Fort Worth Area** (Collin, Dallas, Denton, Ellis, Henderson, Hood, Hunt, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties)

**Houston-Galveston-Brazoria Area** (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)

**San Antonio Area** (Bexar, Comal, Guadalupe, and Wilson Counties)

**Tyler-Longview Area** (Gregg, Harrison, Rusk, Smith, and Upshur Counties)

**Victoria Area** (Victoria County)

**Eligible Applicants:**

Eligible applicants include individuals, corporations, organizations, governments or governmental subdivisions or agencies, business trusts, partnerships, associations, or any other legal entity. This may include a corporation headquartered outside of the state of Texas, but which operates equipment or vehicles primarily in an eligible county in Texas.

**Eligible Activities:**

An eligible activity may include the purchase and installation of equipment that enables a vehicle to use electric power to operate. Eligible equipment may include the following:

- The add-on of devices to enable acceptance of electricity from an external power source;
- The purchase and installation on the vehicle of an auxiliary power unit (APU) to generate electricity

**NOTE:** This category is not available for installation of an APU or other system for providing air conditioning or heating on trucks with a sleeper berths while the truck is parked to avoid overnight idling.

Only one Supplemental Activity Application Forms should be used for each activity.

**Application Deadline:**

This application form is only valid for the application period ending August 15, 2018 or subsequent end date if the application period is extended.

**Regular Postal Delivery**

Texas Commission on Environmental Quality  
Air Quality Division  
Implementation Grants Section (ERIG), MC-204  
P.O. Box 13087  
Austin, TX 78711-3087



[www.terpgrants.org](http://www.terpgrants.org)

**Express Delivery or Hand Delivery**

Texas Commission on Environmental Quality  
Air Quality Division  
Implementation Grants Section (ERIG), MC-204  
12100 Park 35 Circle  
Building F, 1st Floor, Room 1301  
Austin, TX 78753

# Emissions Reduction Incentive Grant (ERIG) Application

## On-Vehicle Electrification & Idle Reduction Infrastructure

### Form 1: General Information

Attach this form to the Project Application you are applying for.

**1. Type of Activity.** A project application may only include one activity type for each on-vehicle electrification or idle reduction infrastructures. You must complete a separate supplemental activity application form for each activity type. Mark the type of activity type included in this application with an X.

|   |                          |
|---|--------------------------|
| Auxiliary Power Unit (APU) - On-Road Vehicle:   | <input type="checkbox"/> |
| Auxiliary Power Unit (APU) - Locomotive:  | <input type="checkbox"/> |
| Auxiliary Power Unit (APU) - Other (explain in Section 2):                                    | <input type="checkbox"/> |
| On-Vehicle/Equipment Infrastructure to Enable Acceptance of Electricity from External Source: | <input type="checkbox"/> |
| Idle Limiting Device - Locomotive:  | <input type="checkbox"/> |
| Other (explain in section 2):   | <input type="checkbox"/> |

**2. Activity Summary.** Please provide a brief summary of the proposed activity below, including information on the infrastructure (i.e., APU) to be installed and how use of the infrastructure will result in new NO<sub>x</sub> reductions. Attach additional pages if necessary.

**Note: This is not available for installation of an APU or other system for providing air conditioning or heating on trucks with a sleeper berth while the truck is parked to avoid overnight idling.**

**3. Has the infrastructure already been acquired?** Acquired is defined as having purchased and taken possession of the vehicle/equipment. Please mark "YES" or "NO" with an X.

|                      |                          |     |                          |
|----------------------|--------------------------|-----|--------------------------|
| Yes:                 | <input type="checkbox"/> | No: | <input type="checkbox"/> |
| Date of acquisition: | <input type="text"/>     |     |                          |

The purchase (or conversion, if applicable) of the vehicles or equipment may not have been completed prior to 12 months of the application deadline.

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**On-Vehicle Electrification & Idle Reduction Infrastructure**  
**Form 2: Activity Life and Work Plan**

**1. Designated Activity Life.** The number of years you commit to using the vehicle/equipment with the infrastructure in the eligible counties, and to monitor and report to the TCEQ on the use. Refer to Appendix B of the RFGA for the minimum and maximum activity life

|  |                     |  |
|--|---------------------|--|
|  | Minimum of 5 years: |  |
|--|---------------------|--|

**2. Work Plan and Schedule.** Provide a detailed list of the major work tasks to purchase and install the infrastructure. Include a schedule for completing the work tasks. Attach additional sheets if needed.

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**Form 3: Area and Usage**

The calculation of emissions reductions is partially based on the percentage of use in the eligible counties. If you fail to use the grant funded equipment for the committed percentage of time in the eligible counties, the TCEQ may require you to refund all or a portion of grant funds.

**All projections should be realistic because the applicant will be held accountable.**

**1. Project Area & Usage Information**

Only projects operating at least 75% of annual usage (hours of operation) in the following areas, or combination thereof, are accepted. **Please note: Annual usage in the eligible counties cannot equal 100% if the equipment is used in a county not listed below.**

**At least 75% of the annual usage of the infrastructure must occur in one or more of the following areas.**

**Austin Area** (Bastrop, Caldwell, Hays, Travis, and Williamson Counties):

**Beaumont-Port Arthur Area** (Hardin, Jefferson, and Orange Counties):

**Corpus Christi Area** (Nueces and San Patricio Counties):

**Dallas - Fort Worth Area** (Collin, Dallas, Denton, Ellis, Henderson, Hood, Hunt, Johnson, Parker, Rockwall, Tarrant, and Wise Counties):

**El Paso Area** (El Paso County):

**Houston-Galveston-Brazoria Area** (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties):

**San Antonio Area** (Bexar, Comal, Guadalupe, and Wilson Counties):

**Tyler-Longview Area** (Gregg, Harrison, Rusk, Smith, and Upshur Counties):

**Victoria Area** (Victoria County):

**No more than 25% of the annual usage may be outside of the areas listed above.**

List below all other counties and states in which you plan to operate, including the counties between eligible areas listed above.

|  |
|--|
|  |
|--|

**2. Hours of Operation - Commitment**

Total number of hours you will operate the infrastructure per year: **DO NOT** overstate your usage:

|  |
|--|
|  |
|--|

**Emissions Reduction Incentive Grant (ERIG) Application  
On-Vehicle Electrification & Idle Reduction Infrastructure  
Form 4: Infrastructure Information**

1. **Infrastructure Information.** Provide a general description of the infrastructure in the box provided below.

|  |
|--|
|  |
|--|

2. Fill out each box with the appropriate information for the infrastructure in the boxes provided and indicate which certification on NO<sub>x</sub> emissions will be submitted for the infrastructure.

|   |  |
|---|--|
| <b>Manufacturer:</b>  |  |
| <b>Make/Model:</b><br><i>(if applicable)</i>  |  |
| <b>Model Year:</b>  |  |
| <b>Identification Number:</b><br><i>(part/kit number)</i>   |  |
| <b>Estimated life of the equipment:</b><br><i>(years)</i>   |  |
| <b>Engine Make/Model:</b>   |  |
| <b>Engine Model Year:</b>   |  |
| <b>Fuel Type:</b>   |  |
| <b>Horsepower Rating:</b><br><i>(Brake Horsepower)</i>  |  |
| <b>Horsepower Rating:</b><br><i>(Kilowatt) Non-Road only</i>  |  |
| <b>Engine Family Code:</b><br><i>(12-digit alphanumeric code)</i>   |  |
| <b>Federal NO<sub>x</sub> Emissions Standard:</b><br><i>Refer to the Technical Supplement for the emission standards (g/bhp-hr)</i> |  |

3. **Certification of NO<sub>x</sub> Emissions** Note: Applications with unverified emission reduction technologies will not be accepted. Please mark the appropriate box with an X.

|             |  |              |  |
|-------------|--|--------------|--|
| <b>EPA:</b> |  | <b>CARB:</b> |  |
|-------------|--|--------------|--|

4. **Vehicle/Equipment Information**

|   |  |
|---|--|
| <b>Description &amp; Function:</b><br><i>(i.e., refuse truck, transit bus)</i>  |  |
| <b>Make/Model:</b><br><i>(if applicable)</i>  |  |
| <b>Model Year:</b>  |  |
| <b>Identification Number:</b>   |  |
| <b>Gross Vehicle Weight Rating (GVWR):</b><br><i>(on-road vehicles only)</i>  |  |
| <b>Engine Make/Model:</b>   |  |
| <b>Engine Model Year:</b>   |  |
| <b>Engine Horsepower:</b><br><i>(Brake Horsepower)</i>  |  |
| <b>Engine Horsepower:</b><br><i>(Kilowatt) non-road only</i>  |  |
| <b>Fuel Type:</b><br><i>(if dual-fuel, list each type)</i>  |  |
| <b>Locomotives Only:</b><br><i>(is the Engine a 2-Stroke or 4-Stroke)</i>   |  |
| <b>Engine Family Code:</b><br><i>(12-digit alphanumeric code)</i>   |  |
| <b>Federal NO<sub>x</sub> Emissions Standard:</b><br><i>Refer to the Technical Supplement for the emission standards (g/bhp-hr)</i> |  |

**Emissions Reduction Incentive Grant (ERIG) Application  
On-Vehicle Electrification & Idle Reduction Infrastructure**

**Form 5: Financial Data**

**1. Incremental Cost/Cost to the Applicant.** The incremental cost is the cost to purchase and install the electrification and idle reduction fees associated with the infrastructure project . Refer to the RFGA Section 2.2 for eligible costs. To assist with the completion of the application forms, refer to the On-Vehicle/Equipment Electrification and Idle Reduction Application Instruction Forms

|   |  |
|---|--|
| <b>Capital Costs - Infrastructure System (A):</b>                           |  |
| <b>Capital Cost - Additional Equipment (B):</b>                             |  |
| <b>Capital Costs - Installation (C):</b>                                    |  |
| <b>Capital Costs - Supplies (D):</b>  |  |
| <b>Other Financial Incentives or Tax Credits (E):</b>                       |  |
| <b>Incremental Cost / Cost to Applicant (F):</b><br>(A + B + C +D - E = F): |  |
| <b>Grant Amount Requested For this Activity (G):</b>                        |  |

**2. Installer Contact Information (if known).** Enter the information for the installer contact information in the boxes below.

|                               |  |
|-------------------------------|--|
| <b>Dealer/Installer Name:</b> |  |
| <b>Contact Name:</b>          |  |
| <b>Phone Number:</b>          |  |
| <b>Street Address:</b>        |  |
| <b>City:</b>                  |  |
| <b>State:</b>                 |  |
| <b>Zip Code:</b>              |  |

**3. Explain any other financial assistance to be used for the purchase or lease, such as tax credits or deductions, other grants, or any other public financial assistance.**

This does not include the amount you finance through a bank or other third-party to purchase the equipment.

**Emissions Reduction Incentive Grant (ERIG) Application  
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Form 6: Emission Reductions**

**1. Emissions Reductions and Cost Per Ton** (completion is optional)

You are not required to calculate the emissions reductions and cost per ton of this project in order to apply for the grant. However, you may provide the following information for the activity included in the application.

| <b>Applicant's Estimate</b>   |  |
|---|--|
| <b>Total Emissions Reductions for this Activity</b> (tons of NOx):  |  |
| <b>Annual Emissions Reductions for this Activity</b> (tons of NOx): |  |
| <b>Cost Per Ton for this Activity</b> (\$/ton):                     |  |

**2. Certification of Ownership**

By signing the application Signature Page, the applicant certifies that the applicant is the current owner of the vehicle or equipment. Ownership does not include leases.

## Emissions Reduction Incentive Grant (ERIG) Application

### On-Vehicle Electrification & Idle Reduction Infrastructure

This page should be used as a checklist before grant application submission.

#### Checklist

You should use the checklist that is included in the Project Application Form that you are attaching this on-vehicle equipment electrification idle reduction Infrastructure Form to in addition to the checklist below.

#### Required Documents Attached

These materials must be included with the On-Vehicle/Equipment Electrification Idle Reduction Infrastructure

- |  |  |
|--|--|
| 1. Provide the written quotes and other information used to determine the costs.   |  |
| 2. Attach any available information about the infrastructure to be installed.  |  |
| 3. For locomotive idle reduction infrastructure, attach records and documentation to verify the number of hours spent at idle over the past 24 months. |  |
| 4. For on-road vehicle idle reduction infrastructure, attach any available records and documentation to verify the annual hours spent at idle.         |  |
| 5. For APUs, attach the EPA or CARB emissions certification form.  |  |