

Emissions Reduction Incentive Grant Supplemental Activity Application Form On-Site Electrification & Idle Reduction Infrastructure

TCEQ-10430g

Version 17.01



One Supplemental Activity Application Form should be used for each activity.

Applications will be considered void if language is altered.

The completed form should be attached to the Project Application Form (TCEQ-10430).

This application form is only valid for the application period ending on January 10, 2017, or subsequent end date if the application period is extended.

Application Deadline:

ERIG applications will be accepted until 5 p.m. Central Time on January 10, 2017, unless extended to a later date by the TCEQ.

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

<http://www.terpgrants.org>



On-Site Electrification & Idle Reduction Infrastructure

Supplemental Activity Application - Form 1

Attach this form to the Project Application Form TCEQ-10430

1. Type of Activity (Mark the appropriate box with an X.)

Electric Charging Infrastructure, to support conversion of mobile on-road vehicles, non-road equipment, locomotives, marine vessels, or stationary equipment to electric power. (For stationary source projects, attach the Supplemental 1: Stationary Equipment to provide location and permit information):	
Idle Reduction Technologies (truck stop electrification, etc.):	
Other (explain in section 3):	

2. Project Area Information Select the area in which the facility is located. (Mark the appropriate box with an X.)

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, Kaufman, 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):	

Note: Local governments in some areas of the state, including many of the local governments in the Austin and Dallas-Fort Worth Areas have entered into a memorandum of agreement (MOA) with the TCEQ to enforce restrictions on on-road vehicle idling. On-site vehicle idle reduction projects located in a jurisdiction that has entered into a MOA to enforce restrictions on idling may not be eligible for funding. Contact the TERP staff (800-919-8377) for information on whether the proposed site location is within one of these local jurisdictions.

Physical address of the project:	
Street Address:	
City:	
State:	
Zip Code:	

Is the site/facility owned and/or operated by the applicant? (Mark the appropriate box with an X.)

Yes: <input type="checkbox"/>	No: <input type="checkbox"/>
If the box above was marked No, list who owns and/or operates the site/facility:	

3. Activity Summary

Please provide a brief summary below of the proposed activity, including information on the infrastructure to be installed and how use of the infrastructure will result in new NOx reductions. Attach additional pages if necessary.

**On-Site Electrification & Idle Reduction Infrastructure
Supplemental Activity Application - Form 2**

1. Ownership Information

A. Does the applicant own the vehicles and equipment to be serviced by the infrastructure? (Mark the appropriate box with an X.)	
Yes:	No:
B. If the applicant will not own the vehicles and equipment , identify the owner(s):	
Company:	
Contact Person:	
Phone Number:	
Street Address:	
City:	
State:	
Zip Code:	
C. Has the purchase already been completed. The purchase (or conversion, if applicable) of the vehicles or equipment may not have been completed prior to 12 months of the application deadline. (Mark the appropriate box with an X.)	
Yes:	No:
Date of purchase: <small>(If vehicle has been purchased please provide the date)</small>	
Expected # of months to complete the purchase:	

2. Infrastructure Information

General Description:

Make/Model (if applicable):	
Model Year:	
Identification Number (part/kid number):	
Estimated life of the infrastructure equipment:	

3. Manufacturer / Dealer Information

Manufacturer:	
Dealer (if determined):	
Contact Name:	
Phone Number:	
Street Address:	
City:	
State:	
Zip Code:	

**On-Site Electrification & Idle Reduction Infrastructure
Supplemental Activity Application - Form 3**

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. Minimum of 5 years.

2. Work Plan and Schedule

Provide below 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.

**On-Site Electrification & Idle Reduction Infrastructure
Supplemental Activity Application - Form 4**

1. Detailed Cost Information for Eligible Costs.

List the total eligible costs for each of the categories and provide the total on the following page. Please note, add all categories together except for line F. Subtract any other financial assistance the applicant is receiving.

<p>A. Equipment: defined as personal property having a unit acquisition cost of \$5,000 or more (including sales tax and delivery charges) with an estimated useful life of one year or more. Categories provided below may be included in the "equipment" total if the charges are included as part of the overall price of the equipment.</p>	
1. Infrastructure system, including sales tax and delivery charges:	
2. Additional materials necessary for the installation (<u>explain below</u>):	
3. Installation costs, if included as part of the equipment purchase:	
4. Other necessary related items (\$5,000 or more per unit cost):	
Total cost of Equipment:	
<p>B. Supplies: include goods and materials having a unit acquisition cost (including sales tax and delivery charges) of less than \$5,000.</p>	
Total cost of Supplies:	
<u>Itemize Cost of Supplies Below</u>	
<p>C. Contractual: Include re-engineering work, installation costs and other work a contractor is hired to do separate from the equipment and installation purchase agreement.</p>	
Total cost of Contractual:	
<u>Itemize Cost of Contractual Below</u>	
<p>D. Construction: Include work directly related to the installation of the infrastructure, costs to prepare and improve the site, enhancement of current facilities or building new facilities. In-house labor and travel are not eligible for funding.</p>	
Total cost of Construction:	
<u>Itemize Cost of Construction Below</u>	

On-Site Electrification & Idle Reduction Infrastructure
Supplemental Activity Application - Form 5

Continued from Form 4

E. Other: Explain in detail other costs that do not fit within the previous categories. The costs must be directly related to the purchase and installation of the infrastructure. Long-term operational, maintenance, or repair costs are not eligible for funding.

Total cost of Other:

Itemize Cost of Other Below

F. Financial Assistance: List the value of and 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.

Total Other Financial Assistance:

List the Value of and Explain Any Other Financial Assistance Below

Total Eligible Cost (A + B + C + D + E - F):

2. Grant Amount Requested for This Activity (Amount may not exceed 50% of the total eligible costs):

Total Grant Amount Requested for This Activity:

3. Total Project Cost

What is the total cost of this project, including eligible and non-eligible grant expenses:

Explain below any costs not included under section 1 above.

4. Procurement Process: Explain below the process used (or to be used) to select the installer, vendors and equipment. Three (3) bids or quotes are required to be attached to this grant application. If only one bid or quote was obtained, explain why the equipment or service is only available from one source.

**On-Site Electrification & Idle Reduction Infrastructure
Supplemental Activity Application - Form 6**

1. Electric Charging Infrastructure (if applicable)

To be used to support conversion of vehicles/equipment being converted to electric power.

A. Has the purchase of the infrastructure been completed? (Mark the appropriate box with an X.)	
Yes:	<input type="checkbox"/>
No:	<input type="checkbox"/>
Date of purchase: <small>(If the Infrastructure has been purchased please provide the date)</small>	<input type="text"/>
Expected # of months to complete the purchase:	<input type="text"/>
B. Is the purchase of the electric-powered vehicles and/or equipment to be serviced by the infrastructure included as a separate Activity under this Project Application? (Mark the appropriate box with an X.)	
Yes:	<input type="checkbox"/>
No:	<input type="checkbox"/>
C. If the purchase of the electric-powered vehicles and/or equipment will not be funded by a TERP grant, how were, or how will the purchase(s) be funded (explain below)?	
<input style="width:100%; height:100%;" type="text"/>	
D. Have the emission reductions that can be attributed to the use of the vehicles and/or equipment already been assigned to another program? (Mark the appropriate box with an X.)	
Yes:	<input type="checkbox"/>
No:	<input type="checkbox"/>
If the emission reductions are already assigned to another program, those reductions may not be used for this grant.	
Provide a detailed list of the vehicles and equipment to be provided electricity from the infrastructure. For each vehicle or piece of equipment, attach the following information: Make/Model; Model Year; GVWR (on-road vehicles); Horsepower Rating; Estimated Annual Hours (non-road equipment); and Estimated Annual Miles (on-road vehicles).	

2. Idle Reduction Infrastructure (truck stop electrification, etc.) (if applicable)

<p>If the vehicles and equipment to be serviced are part of a defined fleet, provide a detailed list of the following: Make/Model; Model Year; GVWR (on-road vehicles); Fuel Type Used; Horsepower Rating; and Estimated Annual Hours of Idling Time for Each Vehicle/Equipment to be Replaced by Use of the Infrastructure</p> <p>If the fleet to be serviced is not defined, such as with a truck stop electrification project, please provide a written summary of the types of vehicles or equipment projected to use the infrastructure. Include your analysis of the annual number of hours of idling time to be replaced by use of the infrastructure. Finally, include any analyses on the idling emission factors that you would propose to be used to calculate the emissions reductions. Attach all available market studies, research reports, and other information used to prepare projections of the use of the infrastructure and the emissions factors that should be used to calculate the emission reductions.</p>

**On-Site Electrification & Idle Reduction Infrastructure
Supplemental Activity Application - Form 7**

1. Other Types of Infrastructure (if applicable)

Provide a detailed written summary of how the infrastructure will be used, and how that use will result in NOx emissions reductions. Note that projects to replace a stationary on-site generator powered by an internal combustion engine with a fuel cell or connection to the power grid should be applied for using the Supplemental Activity Application Form for Stationary Equipment.

2. 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.

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

Required Documents Attached

These materials must be included with the On-Site Electrification Idle Reduction Infrastructure forms

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. Attach all available market studies, test data, research reports, and other information used to prepare projections for the use of the infrastructure and the emission factors that should be used to calculate the emission reductions:
4. The TCEQ may request additional materials to support the application: