

# EmPower Louisiana

LOUISIANA DEPARTMENT OF NATURAL RESOURCES

American Recovery and Reinvestment Act of 2009



## TRANSPORTATION EFFICIENCY & ALTERNATIVE FUELS GRANT PROGRAM

# Application Forms

## **SUBMITTAL DEADLINE**

**4:00 p.m. CST**

**May 14, 2010**

EmPower Louisiana – Transportation Efficiency & Alternative Fuels Grant Program  
4171 Essen Lane  
Baton Rouge, LA 70809



**FORM A - APPLICATION COVER PAGE**

**Applicant Information**

Applicant Name:

DUNS Number:

CCR Number:

Mailing Address:

City:

Zip Code + 4:

Contact Name:

Title:

Email Address:

Telephone Number:

Fax Number:

Funding Requested:

**Project Activity**

Alternative Fuels

Transportation Efficiency

Refueling Infrastructure

**Project Information**

Project Title:

Proposed Start Date:

Planned Completion Date:

Project Site Address:

City:

Zip Code + 4:

**Brief Project Description:**

Reserved for Louisiana Department of Natural Resources Use

Date Received	Time Received	Proposal Number Assigned

**FORM A - APPLICATION COVER PAGE**

**Project Information (continued)**

Entity Type

<input type="checkbox"/>	Private Business	<input type="checkbox"/>	K-12 School
<input type="checkbox"/>	Not for Profit	<input type="checkbox"/>	State Agency
<input type="checkbox"/>	Local Government	<input type="checkbox"/>	University, College
<input type="checkbox"/>	Other (please list)		

**Metrics Activity**

Jobs Created/Retained:	<input type="text"/>	FTE	Emissions Reduced:	<input type="text"/>	CO <sub>2</sub> e
Annual Electricity Savings:	<input type="text"/>	kWh	Annual Gas/Diesel Savings:	<input type="text"/>	gallons

**Financial Information**

	Amount (\$)	Percent
Funding Requested	<input type="text"/>	<input type="text"/>
Proposed Funds Leveraged	<input type="text"/>	<input type="text"/>
Total Project Cost	<input type="text"/>	100%

**Signature**

I hereby certify that I am authorized to submit this application and that the information presented in this application is true and accurate. In addition, I agree to abide by all the terms and conditions described in the Louisiana Department of Natural Resources “EmPower Louisiana – Transportation Efficiency & Alternative Fuels Grant Program Guidelines”, application forms, and all supporting documents.

_____	_____	_____
Name	Signature	Date

**FORM B - PROJECT BUDGET**

**Budget Summary**

Budget Item	(A) Funding Requested (\$)	(B) Proposed Funds Leveraged (\$)	(C) = (A) + (B) Total Costs (\$)	Percentage (%)
Equipment				
Direct Labor				
Other (please explain below)				
<b>Total</b>				100%

Other Budget Items:

**Detailed Budget**

The following table must be filled out by the Applicant listing all equipment and materials for which funding is being requested.

**A. Equipment/Materials:** List all items of equipment to be purchased valued greater than \$100.

Equipment Type	Make and Model	Units	Unit Cost (\$)	Total Cost (\$)	Funding Requested (\$)
<b>Total</b>					

**FORM B - PROJECT BUDGET**

**Detailed Budget (continued)**

**B. Direct Labor:** List all applicable costs for design, construction, installation or repair.

Title/Job Classification	Number of Hours	Billing Rate (\$/hr)	Total Cost (\$)	Funding Requested (\$)
<b>Total</b>				

**C. Other Costs:** List all other operating expenses that will be incurred during the project.

Activity	Number of Hours	Billing Rate (\$/hr)	Total Cost (\$)	Funding Requested (\$)
<b>Total</b>				

**Leveraged Funds**

List the sources of funding that will be leveraged for this project. Identify the date when the funds were received by the applicant.

Source	Date of Award	Total Funds (\$)
<b>Total</b>		

**FORM C - ALTERNATIVE FUELS**

**Vehicle Purchases**

For every CNG vehicle to be purchased, applicants must fill out the table provided below:

- **Vehicle Type:** identify whether the vehicle is a sedan, SUV, van, minivan, pick-up truck, bus, specialized truck or other.
- **Make and Model:** identify the manufacturer of the vehicle as well as the model and the year.
- **Gross Vehicle Weight Ratio:** the rated weight of the vehicle and its carrying capacity.
- **Unit Cost:** identify the cost of purchasing one unit of the proposed CNG vehicle.
- **Baseline Make and Model:** identify the make and model of a comparable gasoline-fueled vehicle.
- **Baseline Cost:** identify the cost of purchasing one unit of the comparable gasoline-fueled vehicle.
- **Incremental Cost:** the difference between the unit cost and the baseline cost.
- **Number of Units:** number of vehicles to be purchased.
- **Total Funding Requested:** the incremental cost of the vehicle times a factor (k), times the number of units to be purchased. The factor k equals 0.5 (50%) for private entities, and 1 (100%) for public and nonprofit entities.

Vehicle Type	Make and Model	Gross Vehicle Weight Ratio	(A) Unit Cost (\$)	Baseline Make and Model	(B) Baseline Cost (\$)	(C) = (A) – (B) Incremental Cost (\$)	(D) Number of Units	(E) = k(C) x (D) Total Funding Requested
<b>Total*</b>								\$

\* The maximum amount that will be funded per application is \$500,000.

**FORM C - ALTERNATIVE FUELS**

**Vehicle Conversions**

For every CNG vehicle to be converted, applicants must fill out the table provided below:

- **Vehicle Type:** identify whether the vehicle is a sedan, SUV, van, minivan, pick-up truck, bus, specialized truck or other.
- **Make and Model:** identify the manufacturer of the vehicle as well as the model and the year.
- **Conversion Kit Manufacturer:** identify the manufacturer of the conversion kit.
- **Cost of Conversion Kit:** identify the make and model of a comparable gasoline-fueled vehicle.
- **Number of Units:** number of vehicles to be converted.
- **Total Funding Requested:** the cost of the conversion kit times a factor (k), times the number of units to be converted. The factor k equals 0.5 (50%) for private entities, and 1 (100%) for public and nonprofit entities.

Vehicle Type	Make and Model	Conversion Kit Manufacturer	(A) Cost of Conversion Kit (\$)	(B) Number of Units	(C) = k(A) x (B) Total Funding Requested
<b>Total*</b>					\$

\* The maximum amount that will be funded per application is \$500,000.

**FORM D - TRANSPORTATION EFFICIENCY****Prescriptive Incentives**

Applicants requesting incentives for measures included in the table below should fill out the boxes in “cream” color.

The Transportation Efficiency & Alternative Fuels Program will offer both “prescriptive” and “custom” incentives. The prescriptive incentives will cover street lighting and traffic signals. The custom incentives may be provided for other measures not included in the prescriptive list and will be given at ten cents of dollar per kilowatt-hour saved in a year (\$0.10/kWh).

Applicants must include a **copy of the manufacturer’s specifications for every proposed piece of equipment** for which funds are being requested.

Equipment Type	Unit	(A) Incentive (\$)	(B) Number of Units	(A)x(B) Total Incentive (\$)
<b>Pulse Start Metal Halide</b>				
100 W - 300 W	Fixture	\$75.00		
300 W - 500 W	Fixture	\$125.00		
<b>LED and Induction Lighting</b>				
75 W – 104 W	Fixture	\$80.00		
105 W – 149 W	Fixture	\$100.00		
150 W - 240 W	Fixture	\$120.00		
150 W - 240 W	Fixture	\$225.00		
<b>LED Traffic Signal Module<sup>1</sup></b>				
8" Traffic LED Signal Head	Module	\$100.00		
12" Traffic LED Signal Head	Module	\$110.00		
8" Arrow LED Module	Module	\$26.00		
12" Arrow LED Module	Module	\$45.00		
8"- 9" Pedestrian LED Module	Module	\$39.00		
12" Pedestrian LED Module	Module	\$45.00		
16" x 18" Pedestrian Combo	Module	\$45.00		
<b>Total*</b>				\$

\* The maximum amount that will be funded per application is \$250,000. This includes funding received under both the Prescriptive and Custom incentive levels.

<sup>1</sup> LED Traffic and pedestrian signals must replace or retrofit an existing incandescent traffic signal. Each lamp must have a maximum LED module wattage of 25. Incentives are not available for spare lights. Lights must be hardwired and single lamp replacement are not eligible, with the exception of pedestrian hand signals. The traffic signal LED modules shall fully comply with the Institute of Transportation Engineers (ITE) latest adopted specifications.

- LED Signal Head consists of 1 red, 1 green and 1 yellow ball module.
- Arrow and Pedestrian LED Modules consist of 1 module (any color).
- Pedestrian Combo consists of walk/hand/countdown.

**FORM D - TRANSPORTATION EFFICIENCY**

**Custom Incentives**

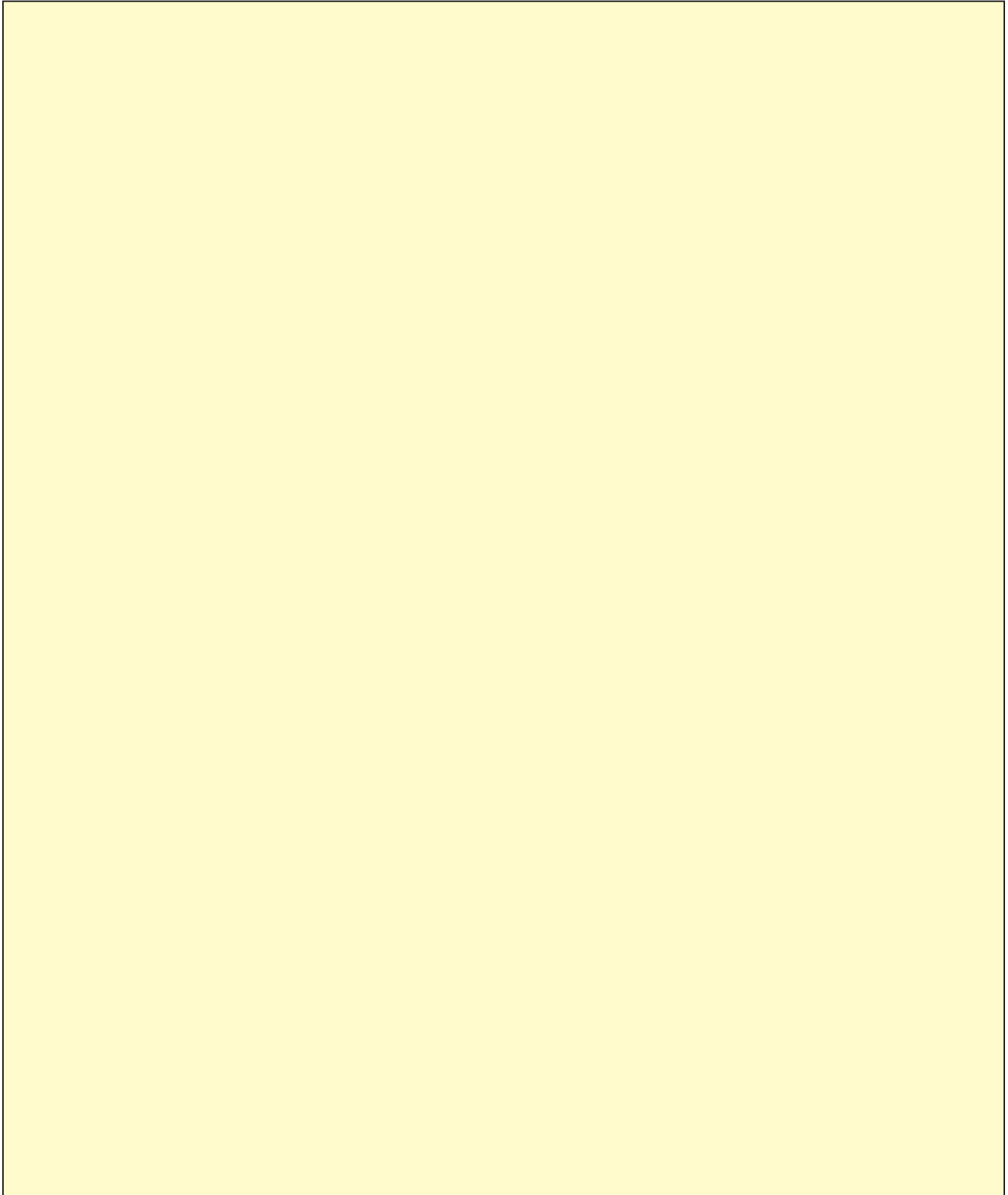
Description of Equipment	Make and Model	Annual Energy Savings (kWh)	Measure Cost (\$)	Incentive (\$/kWh)	Incentive (\$)
				\$0.10	
				\$0.10	
				\$0.10	
				\$0.10	
				\$0.10	
				\$0.10	
				\$0.10	
				\$0.10	
				\$0.10	
				\$0.10	
				\$0.10	
				\$0.10	
				\$0.10	
				\$0.10	
				\$0.10	
<b>Total*</b>					\$

\* The maximum amount that will be funded per application is \$250,000. This includes funding received under both the Prescriptive and Custom incentive levels.

## FORM E - WASTE STREAM

### Waste Stream Description

Indicate if the proposed project will generate a waste stream. For activities that will generate a waste stream, describe the waste and your methodology for waste handling and disposal.



## FORM F - NATIONAL ENVIRONMENTAL POLICY ACT

### Applicability of NEPA to the Proposed Project

The proposed project is categorically excluded from NEPA because it falls within the following category and does not involve “extraordinary circumstances” within the meaning of 10 C.F.R. Section 1021.410:

Energy Efficiency Retrofits - limited to:

Installation of insulation, efficient interior and exterior lighting, HVA systems, high-efficiency shower/faucet upgrades, weather sealing, purchase and installation of ENERGY STAR® appliances, installation of solar powered appliances with improved efficiency, replacement of windows and doors.

Installation of alternative fueling pumps and systems (but not underground storage tanks) installed on existing facilities (other than a large biorefinery); purchase of alternative fuel vehicles.

The proposed project falls within the categories listed above but may involve “extraordinary circumstances” within the meaning of 10 C.F.R Section 1021.410, for the following reason(s):

Form EF-1 Environmental Questionnaire has been completed and attached.

The proposed project is not categorically excluded, for the following reason(s):

Form EF-1 Environmental Questionnaire has been completed and attached.

For more information regarding NEPA see the Department of Energy (DOE) NEPA website: <http://www.gc.energy.gov/NEPA/>