

Bryan W. Shaw, Ph.D., P.E., *Chairman*  
Toby Baker, *Commissioner*  
Zak Covar, *Commissioner*  
Richard A. Hyde, P.E., *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

November 21, 2014

Mr. Michael A. Schiltz  
Vice President of Operations & Engineering  
American Power Group  
2503 E. Poplar Street  
Algona, IA 50511

Re: Dual-Fuel Conversion System Assessment  
Tracking No. **DF-2015-021, Revision #1**

Dear Mr. Schiltz:

The Texas Commission on Environmental Quality (TCEQ) has reviewed your request for a revised determination of the percentage reduction in nitrogen oxides (NO<sub>x</sub>) emissions that may be considered for a grant under the Emissions Reduction Incentive Grants (ERIG) Program to retrofit a heavy-duty on-road engine with the dual-fuel conversion system listed below.

Manufacturer	Engine Family	System Approval	Fuel
American Power Group, Inc.	CAPGH15.8CP4	EPA Heavy-Duty On-Road Engine Outside Useful Life	Diesel/CNG

This assessment is conducted under authority of Texas Health and Safety Code, §386.104(f-1), and the *Texas Emissions Reduction Plan: Guidelines for Emissions Reduction Incentive Grants (RG-388)*. Based on the additional information provided, the TCEQ has determined that a **16%** reduction in NO<sub>x</sub> emissions may be used in an application to the ERIG Program.

This determination only applies to a project to retrofit an engine included under the U.S. Environmental Protection Agency's (EPA) acceptance of the conversion system, as listed on the EPA's website at <<http://www.epa.gov/otaq/consumer/fuels/altfuels/altfuels.htm>>. The installation of the system must comply with all applicable EPA requirements.

This letter is provided solely to establish a percentage emissions reduction factor for use under the ERIG Program. The TCEQ has made no other determinations and provides no other approvals regarding the system.

Mr. Michael A. Schiltz  
Page 2  
November 21, 2014

Thank you for your participation in this program. If you have any questions, please contact Mr. Stephen Dayton at (512) 239-6824.

Sincerely,

A handwritten signature in black ink, appearing to read "Joe Walton". The signature is fluid and cursive, with a large initial "J" and "W".

Joe Walton, Manager  
Implementation Grants Section  
Air Quality Division  
Texas Commission on Environmental Quality

JW/sd