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 12, 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-2015-008**

Dear Mr. Schiltz:

The Texas Commission on Environmental Quality (TCEQ) has reviewed your request for a determination of the percentage reduction in nitrogen oxides (NO_x) 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 |
|----------------|----------------------|---------------------|------------|
| | | EPA | |
| | | Heavy-Duty | |
| American Power | | On-Road Engine | Diesel/CNG |
| Group, Inc. | DAPGH10.8VP7 | Outside Useful Life | Diesel/LNG |

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 information provided, the TCEQ has determined that a 13% reduction in NO_x 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.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.

P.O. Box 13087 • Austin, Texas 78711-3087 • 512-239-1000 • tceq.texas.gov

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Mr. Michael A. Schiltz Page 2 November 12, 2014

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

Sincerely,

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

JW/sd