

**First LNG Mining Truck in U.S.  
GFS Corp. Converts CAT 777C to  
60% Liquefied Natural Gas**



**Formal Press Conference Scheduled at the  
Pike County Courthouse in Pikeville, KY  
on Wednesday, October 27, 2010 at 10:00 AM EST**

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# First LNG Mining Truck in U.S.

## GFS Corp. Converts CAT 777C to 60% Liquefied Natural Gas

October 21, 2010

### For Immediate Release

Harlan County, Kentucky. Gaseous Fuel Systems, Corporation (GFS) [www.gfs-corp.net](http://www.gfs-corp.net) has successfully demonstrated its Bi-Fuel conversion system for mining vehicles in the United States. The CAT 777 operating at a commercial coal production facility in Harlan County, Kentucky operates with more than 60% gas substitution for diesel without loss of performance.

GFS is preparing to launch its first commercial U.S. fleet conversion of mining vehicles in 2011 in Eastern Kentucky and Southern West Virginia. The region is uniquely suited for the conversion of hundreds of mining trucks to the GFS Bi-Fuel System. There is a unique combination of surface mining and available LNG within a 300 mile driving radius. A vast number of on-road 18 wheeler tractor trailer trucks hauling coal in this region can also be converted by GFS.

The GFS Bi-Fuel System will allow mining equipment to operate saving more than 30% on fuel cost using U.S. produced natural gas while lowering emissions.

GFS' strategy integrates four related areas of business development:

1. LNG Distribution Logistics
2. LNG Onsite Storage and Dispensing Infrastructure
3. Off-Road Mine Truck Conversions
4. On-Road Coal Truck Conversions

GFS' Strategic team includes industry leaders in every relevant equipment discipline.

Gaseous Fuel Systems, Corp. (GFS) Ft. Lauderdale, Florida [www.gfs-corp.net](http://www.gfs-corp.net)

Strategic Partners and Vendors to GFS:

Chart Industries of Garfield Heights, Ohio [www.chart-ind.com](http://www.chart-ind.com)

FAB Industries of Nashville, Tennessee [www.fabind.com](http://www.fabind.com)

Prometheus Energy, Redmond Washington [www.prometheus-energy.com](http://www.prometheus-energy.com)

Diesel 2 Gas Inc. (D2G), Tampa, Florida [www.d2ginc.com](http://www.d2ginc.com)

GFS Corp manufactures and sells equipment that enables diesel engines to operate on both diesel and natural gas. The company offers a full line of retrofit conversion systems covering a broad spectrum of diesel engines made by major manufacturers. GFS also offers project development services consolidating its proven Gaseous Fuel™ technologies with LNG/CNG production, storage, and distribution infrastructure into integrated projects throughout the world.

For more information contact Elio Muller, Director of Strategic Projects for GFS Corp. at 954-693-9475 or [press@mgigate.net](mailto:press@mgigate.net).

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**Press Conference Itinerary**  
***Wednesday, October 27, 2010 at 10:00 AM EST***

**10:00 AM**

**Welcome, Opening Remarks and Recognitions**  
**The Honorable Wayne T. Rutherford**  
Pike County Judge/ Executive

**Introducing GFS Corp. and GFS Conversion Technology**  
**Elio Muller**  
Director of Strategic Projects, GFS Corp.

**Overview of the GFS Conversion Technology**  
**Jason Green**  
President, GFS Corp.

**Overview of the Mining Truck Project**  
**George Aguilera**  
Executive Vice President, GFS Corp.

**Closing Remarks**

**GFS would like to recognize**

**The Pike County Fiscal Court**

**for hosting today's Press Conference.**

## Designated Speakers



**Jason Green – President, GFS Corp.**

Mr. Green is one of the founders of GFS and a co-inventor of the underlying gaseous fuel conversion technology. Mr. Green has 20 years of experience in natural gas conversion systems. In his current role as GFS EVP, he is the chief technical resource of the company. Prior to joining GFS, Mr. Green served as Product manager for the GTI-Altronic Bi-Fuel product line. Earlier in his career he held positions as product designer, Project Manager, and VP Product Development with various companies in the sector.

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**George Aguilera – Executive Vice President, GFS Corp.**

Mr. Aguilera has 27 years of experience in the power generation, industrial equipment, energy services and financial sectors. He has significant cross functional experience in business development, sales, marketing, corporate finance and M&A with GE, Public Service Enterprise Group, Kohler Company and in private consulting. Mr. Aguilera has a BS in Mechanical Engineering from the University of Florida and a MBA from the Wharton School, at the University of Pennsylvania.

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**Elio Muller - Director Strategic Projects, GFS Corp.**

Mr. Muller is responsible for GFS's project development efforts involving LNG/CNG production, storage, and distribution infrastructure. Mr. Muller has over 15 years experience in international business consulting, project financing, project development and legal consulting. Mr. Muller served in the Senior Executive Service of the Commerce Department during the first term of the Clinton administration and later as International Investment Manager with the Overseas Private Investment Corp (OPIC). Earlier in his career Mr. Muller practiced law in his own law firm. He is a graduate of the University of South Florida and of the South Texas College of Law in Houston and a member of the Florida Bar Association.

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**The Honorable Wayne T. Rutherford - Pike County Judge/Executive**

Pike County Judge/Executive Wayne T. Rutherford is certainly no stranger to public office. His vast experience from having served in a variety of capacities, including that of county judge/executive, qualifies him as one of Eastern Kentucky's proven leaders. Judge Rutherford was elected president of the Kentucky County Judges Association and served on the NACO (National Association of Counties) board. In 2010, Rutherford was elected to a record-setting sixth term as Pike County Judge/Executive. An eighth-generation Pike Countian, Judge Rutherford attended Pikeville College, Eastern Kentucky University School of Law Enforcement, and The University of Louisville Kent School of Social Work.

**LNG Tank and GFS Conversion System  
installed on the CAT 777**



**More Images for media use are included  
in an attached document**

## Natural Gas and Liquefied Natural Gas Facts

- Natural gas is the cleanest of all the fossil fuels, such as petroleum and coal, because it contains less carbon and therefore burns cleaner.
- The U.S. Energy Information Agency reports that natural gas on average costs 42% less than diesel fuel on an energy equivalent basis.
- In 2009, The Potential Gas Committee reported that the country has at least a 100 year supply of natural gas supply using the technology we have today.
- The Potential Gas Committee reports that Shale gas accounts for 33% of the total U.S. resources of natural gas.
- Liquefied Natural Gas (LNG) is natural gas that has been converted temporarily into liquid form for ease of storage and transportation.
- The Energy Density of LNG is 60% of that of diesel Fuel.
- In its liquid state LNG is not explosive and cannot burn.
- LNG is produced in the U.S. by Americans
- LNG directly offsets imported petroleum, strengthening America's Energy Independence.
- Retrofitting mining haul trucks to run on LNG, creates American jobs.

## About GFS Corp.

GFS Corp manufactures and sells equipment that enables diesel engines to operate on both diesel and natural gas. The company offers a full line of retrofit conversion systems covering a broad spectrum of diesel engines made by major manufacturers. GFS also offers project development services consolidating its proven Gaseous Fuel™ technologies with LNG/CNG production, storage, and distribution infrastructure into integrated projects throughout the world. GFS is also the Florida Master Distributor for the **GTI-Altronic** line of Bi-Fuel conversion technology for stationary applications.

The Gaseous Fuel System™ (GFS™) enables operators of diesel vehicles to substantially reduce operational costs and lower emissions by substituting diesel fuel with lower cost, cleaner burning natural gas. The GFS™ Bi-Fuel conversion system is comprised of patented and proprietary technologies that allow diesel engines to safely operate on gas percentages ranging from 50% to 70% of the total fuel requirement. Engines converted to Bi-Fuel™ operation exhibit diesel-like performance in such critical areas as power, response and efficiency. A key feature of the GFS™ Bi-Fuel system is its ability to switch fuel modes without interruption in vehicle operation. Conversion to Bi-Fuel™ operation does not require modification of the engine and can typically be completed in a matter of hours. The GFS™ Bi-Fuel system is compatible with both compressed natural gas (CNG) and liquid natural gas (LNG) fuel storage systems.

The GFS Bi-Fuel technology has a successful 20-year legacy of converting thousands of stationary engines in generators sets and compressors. The CAT 777 mining haul truck has the same engine that the GFS technology has converted hundreds of in stationary applications. The function of demonstrating the GFS technology on a mining haul truck is mostly a function of placing the LNG on-board fuel capacity on the vehicle and vaporizing LNG for use as natural gas in the engine. The surface coal mines operating on CAT 777 haul trucks may be able to achieve a 30% fuel cost savings compared to running on 100% diesel.



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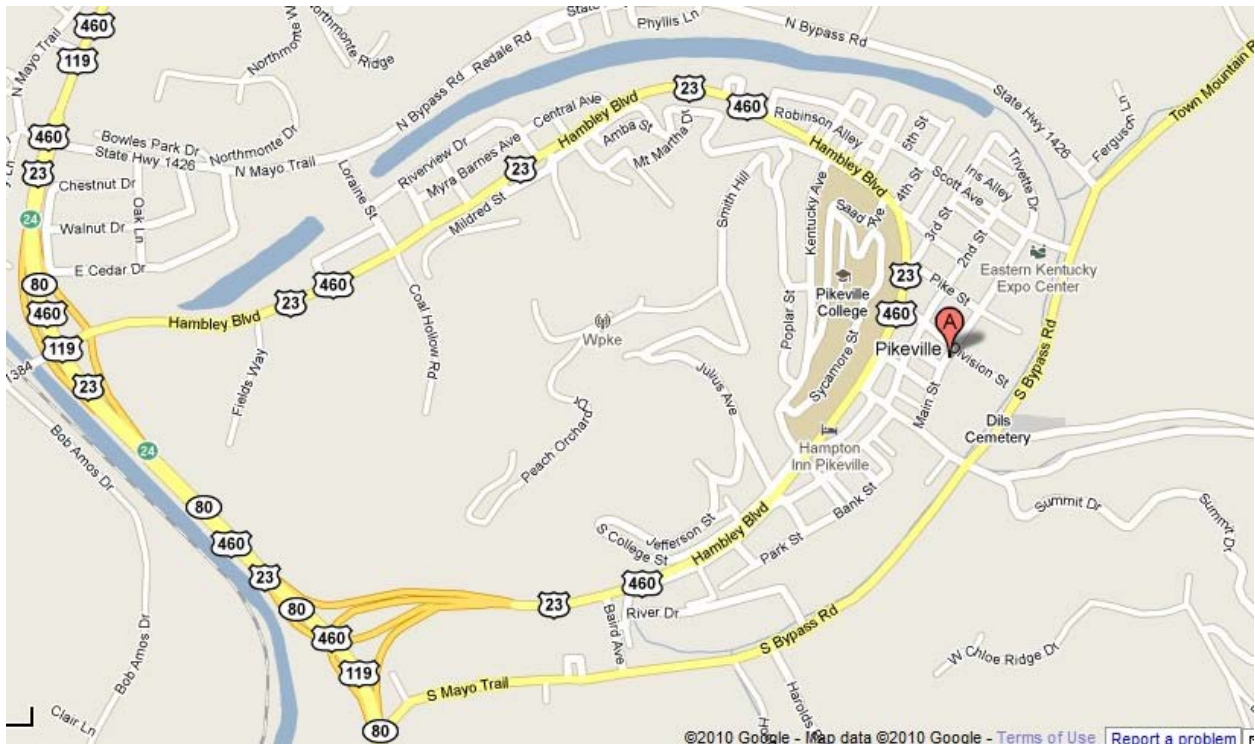
[www.GFS-Corp.net](http://www.GFS-Corp.net)



## Press Conference Information and Map

The Press Conference will be held at the  
**Pike County Courthouse**  
Fiscal Court Room, 2<sup>nd</sup> Floor  
146 Main Street Pikeville, KY 41501  
on Wednesday, October 27, 2010  
at 10:00 AM EST

For questions regarding the Pike County Fiscal Court please contact Brandon Roberts,  
606-432-6247 ext. 392 or [brandon.roberts@ky.gov](mailto:brandon.roberts@ky.gov)



## Media Contact



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