

CAT® SUPPORT FOR YOUR DGB PROJECT—

# EVERY STEP OF THE WAY

Dynamic Gas Blending™ can save your mine millions. Before the savings can start, the task at hand is to help your mine successfully implement DGB. Like adopting any new fuel source, the implementation process is thorough and requires planning. Your support team at Caterpillar helps guide you through the steps to structure your project in a way that's best for your mining operation. One meeting at a time, we work with you to get your trucks equipped with DGB, like we've done on sites throughout the world. And once you're set up, the savings pay off every second of planning—like our customers throughout the world know.



## *What parts are involved?*

In the mine's DGB onboarding meetings, parts and assembly are covered in full detail. To summarize, the DGB components include the engine kit, chassis kit, LNG tank, diesel tank and the software which integrates all parts with the eligible mining trucks (785C, 789C, 789D and 793D). Another variable in implementation is a third-party LNG fuel supplier, which Caterpillar also helps coordinate.



## *What kind of support?*

Whether LNG fuel supply, or many other project aspects, Caterpillar support goes far beyond the iron. If you're interested in adopting DGB, our Caterpillar experts will work with you on the planning areas described below.

### **1. Project Feasibility**

What is the investment? Can we finance? What's the expected payback period? All of these questions are ones we can help with. Our team meets with you to determine cost analysis, the economic payback model, and even financing options—all toward the goal of ensuring DGB brings value to your bottom line.

### **2. Identifying Project Partners**

Once you feel better about whether you can do it—you may be wondering how you do it? There are a few involved stakeholders: your local dealer, your operations manager—and potentially a new fueling partner. Caterpillar is able to provide support by coordinating collaboration with different LNG fuel suppliers. The fueling partner works with the team to plan the on-site fueling station, and all logistics that come with LNG fuel supply. We help set up these meetings and will be available to help guide the project.

### **3. Mine Integration**

A new fuel source opens change management doors, and we're proactively with you every step of the way. Offering safety training, outlining tasks of the fuel station, planning routes for DGB trucks—the more preparation, the more you can count on high fuel displacement that expedites your return on investment.

### **4. Implementation & Machine Support**

Once the DGB kit is shipped, our dealer support team is there to ensure the installment goes smoothly and efficiently. And when you partner with Caterpillar, you have the benefits of the Caterpillar system. The DGB kit is included in the maintenance practices and maintenance schedules that are covered by Cat dealers. Unlike aftermarket, we're here with end-to-end support for any unexpected challenges that may arise.



LNG

## *Your Project Can Start Today.*

When you're ready to talk business about DGB on your mine site, our experts and Cat dealers are here to provide consultation. You can fill out a form on [cat.com/DGBmining](http://cat.com/DGBmining), and you'll be contacted for the next steps.

And if you're ready to talk business, our experts and dealers are ready to provide a consultation for your mine site.

Email

**DGBhelp@cat.com**  
with any questions you may have today.