

## PG&E - Marketing & Communications | Your Energy Dollars at Work in Live Oak Gas In-line Inspection

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Today, we are deploying a robotic tool into our pipeline. This specific location was targeted for in-line inspection because we have a larger assessment project planned for this pipeline. But it can't assess this specific portion that runs under the railroad track. So we're going in with this robotic tool and performing a very targeted inspection of that section of the pipe.

These tools are designed such that it allows gas to operate normally. So there's no impact to pressure. There's no impact to flow. The tools are all self-contained and robotically controlled. So there's no impact to gas operations downstream.

It's about 6 feet long. And it has various modules. It almost looks like a little tiny train. And it sits inside the pipeline. It rolls along on wheels. And it has all of these sensors in it that's looking at laser-type detection for roundness of the pipe. It can detect corrosion flaws in the coating so that we can address issues in a very efficient way.

Before this technology, we had to do things like direct assessment. And that means we have to excavate. That costs PG&E a lot of expense to interrupt service. With the robotics tool, we can go in without excavation, without shutting the line down, and go in and get all the data we need to assess that line.

Our customers deserve a gas system that is safe and operated to the highest standard. And that's what this project is all about. Now, when our customers pay their bill, a portion of that bill goes to fund projects like this. They can know and have confidence that the system is safe, and we're using their dollars wisely.