



## video transcript

### Energy Everywhere: Renewable Natural Gas (RNG) – Episode 1

I've been a nerd for as long as I can remember. I wanted to be a scientist since I was in second grade. Calculus was my favorite subject, and it ultimately led me to engineering.

Now, I'm turning poop into energy. Who would have think it?

I have a passion for the renewables business. I love being on the front end of cutting-edge technology.

A lot of people don't realize that dairy farms are very carbon intensive. That uncaptured methane gas that comes off of the cow manure is 25 times more potent at capturing heat in our atmosphere than carbon dioxide. And so, farmers are looking at different ways to mitigate that.

At Chevron, we want to be an efficient leader in producing lower-carbon oil and gas. We partner with folks like CalBio. They understand how dairy farms work. We have the capital as well as the commercial acumen from the Chevron side. With what they bring, it feels like a perfect marriage.

Renewable natural gas has the same heating and energy qualities as our normal fossil natural gas that you see people going out to drill for. But with renewable natural gas that's in our system, whether it's from dairy farms, landfills, foodwaste, it's so much less carbon intensive than our normal fossil fuels.

You take the cow manure, take out any of the solids, then you put that into what's called a lagoon digester that captures the methane. We process to pipeline spec, and we inject it into the pipeline systems that already exist across this country.

We're looking to extend our compressed natural gas stations all throughout the state of California. And many people don't realize that renewable natural gas is in their day-to-day lives. It's already heating their homes, delivering your packages.

At Chevron, we believe that lower carbon is the future.

I have a niece and nephew, who I adore. And being able to say that I'm doing something that's helping, that makes me proud. There are challenges, but we are looking to make a difference. I really think that we can lower our carbon intensity throughout all of our company. By trying to harness this RNG, we're doing just that.

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