

CASE STUDY

SUNBRIDGE SAFELY DELIVERS CLEAN CNG TO HELP ONE PERMIAN PRODUCER REDUCE COSTS AND REACH ITS DIESEL REDUCTION GOAL A YEAR AHEAD OF SCHEDULE.

OVERVIEW

Compressed Natural Gas (CNG) is a clean alternative fuel for frac jobs, power generation, and drilling operations – its low carbon intensity and affordability allows producers to reduce their costs, lower their emissions, and meet critical ESG initiatives.

Sunbridge Energy Services is one of the largest and fastest growing providers of clean CNG to Permian producers. With an advanced 25 MMscf/day capacity gas compression facility connected to the Northern Natural trunk line, Sunbridge is uniquely positioned to provide high-quality, safe, reliable, and on-time delivery of CNG throughout the Permian Basin.

THE CHALLENGE

An independent oil and gas exploration and production company with **83,000 net acres** and more than **1,200 drilling locations** in the Permian Basin recently contracted with Sunbridge to provide CNG for its oilfield service provider's dual fuel frac pumps.

To reduce its fuel costs and lower its carbon emissions, the Permian E&P company has been actively focused on transitioning its ratio of diesel fuel to CNG. **In fact, in its 2022 Sustainability Report, the producer shared a lofty goal – The company wanted to shift its fuel mix by reducing its diesel usage to 50 percent by 2025.**

However, with an existing substitution rate of only **40 percent** (the company's pumps were still running on **60 percent diesel**), flipping their usage ratio would be no small feat. Prior suppliers had been unreliable and unable to safely deliver the capacity of CNG needed for the company to reach its stated CNG substitution goal.

RESULTS

2400 Stages | 16 Pad Sites | 2.53MM DGEs

In October 2023, the Permian producer contracted with Sunbridge to be its primary CNG provider. Since then, Sunbridge has successfully completed more than 2400 stages to over 16 pad sites and delivered 2.53MM DGEs (diesel gallon equivalents) of clean CNG with no safety incidents.

“Through Sunbridge’s safe and reliable delivery of CNG, our client reached an average substitution rate of nearly 70 percent in seven months – its dual-fuel pumps are being powered by 70 percent CNG and only 30 percent diesel – and achieved an important company sustainability goal more than a year ahead of schedule.”

Wilse Dimino,
President & COO, Sunbridge

About Sunbridge Energy Services, LLC

Sunbridge Energy Services is bringing environmentally clean, competitive, and reliable compressed natural gas (CNG) to oil and gas producers in the Permian Basin through its state-of-the-art fueling facility strategically located in Tarzan, Texas. With a current capacity of 25 million cubic feet (MMcf), Sunbridge’s newly-constructed facility is helping Permian producers reduce emissions by replacing diesel fuel with clean and cost-effective fuel alternatives.

