

Subject: RE: Borger Station CO₂e/ Methane Capture

Currently, the CO₂e emissions percentage at the facility is approximately 99.4% CO₂ and .6% CH₄ (methane). We expect those percentages to be similar with the proposed equipment in place.

As you know, the Town of Dryden proposed conditions on the project and included this language:

- Portable compression which will be utilized to reduce the volume of methane vented to atmosphere during planned station and pipeline maintenance, including the pigging of pipelines associated with Borger Station.
- Leak Detection and Repair (LDAR) conducted at Borger Station to identify and mitigate sources of fugitive methane emissions.

Gas vented during planned maintenance and inspection is the largest source of methane emissions from Dominion Energy's transmission system. Gas vented during these types of operations is not included in the above calculations.

In order to perform maintenance or inspection on pipelines and compressor stations, natural gas sometimes must be removed from the system, which is historically done by venting it into the atmosphere. A primary focus of the company, and to comply with the conditions, will be to dramatically reduce or even eliminate venting during maintenance activities.

One innovative example is the company's use of Zero Emissions Vacuum and Compression (ZEVAC®) technology (portable compression) to capture methane before maintenance or inspection so it can be recycled for use in other parts of the system.

This project also includes the installation of a new station blowdown system that will enable Dominion Energy to cap emissions during scheduled, mandated Emergency Shutdown Tests. Methane will stay in the station piping and will not be released to atmosphere.

Instead of venting methane when we do maintenance or inspection, we will capture, recycle and reuse it so it stays in our system and out of the atmosphere. With these advances in technology and innovations in our operating procedures, we can capture methane on a much larger scale.

Even after reducing emissions from gas venting, there is still more we can do to reduce minor emissions that are often the hardest to detect because they are odorless and cannot be seen or heard. As condition of approval is a Leak Detection and Repair Program (LDAR) at the facility.

The LDAR program at Borger Station will allow us to find and quickly repair the smallest of methane leaks and reduce these fugitive releases to atmosphere.

Thank you,

Don.

