



Organizational Info

Organization Name: Enbridge

Organization URL: <https://www.enbridge.com/>

Avoidance of Methane Emissions

Synopsis:

Enbridge Inc. (Enbridge) is looking for creative ideas and solutions to improve upon the best-available technology for capturing vented methane emissions from routine pipeline operations, including blowdowns.

Host:

Enbridge is the leading energy delivery company in North America. Enbridge moves nearly two-thirds of Canada's crude oil exports to the U.S., transports about 20 percent of the natural gas consumed in the U.S. and operates North America's third-largest natural gas utility by consumer count. Enbridge was an early investor in renewable energy and has a growing offshore wind portfolio.

Enbridge owns and operates approximately 26,000 miles (41,850 kilometers) of natural gas transmission and midstream pipelines sited in 31 U.S. states, five Canadian provinces, as well as offshore in the Gulf of Mexico.

Context/Background information:

Enbridge is continually looking for opportunities to enhance existing technologies, and advance new ones, in the areas of design, prevention, monitoring and leak detection to keep our pipelines and distribution systems safe.

Methane, a component of natural gas, may be released through routine pipeline operations from several sources including the compressor stations that move gas through the pipeline, maintenance activities and small leaks (i.e. fugitives).

Your Challenge:

Enbridge is already reducing methane emissions and conserving marketable methane. We have programs, protocols and initiatives for integrity management, damage avoidance, maintenance of system fitness and leak detection.

We are seeking solutions to improve upon the best-available technology to avoid vented methane emissions from routine pipeline operations. Solutions should focus on either avoiding venting natural gas from the pipeline, or enhancing the capability of removing and transferring, temporarily storing, or flaring the captured natural gas.

Solution/participant criteria:

Enbridge is looking to identify individuals and companies/organizations, including technology developers, industry experts, academics, consultants, etc., with ideas related to, or specific solutions for, this technology challenge.

The Opportunity:

Participants will be given the opportunity to arrange an informal meeting to discuss this technology challenge with Enbridge at GLOBE Exchange on February 10, 2020 or following GLOBE Forum 2020 in Vancouver, BC.