CanERIC ONBOARDING FORM

Introduction:
The goal of PTAC's CanERIC program is to evaluate methane emission reduction technologies so that they can be deployed in the field. CanERIC is a collaborative effort among universities, laboratories, colleges, producers and midstream companies. Both federal and provincial agencies have provided funding to CanERIC.

CanERIC is providing technology developers an opportunity to have their technologies tested in both lab and industrial settings to evaluate the technologies. The goal is to de-risk emission reduction technologies in order to accelerate field adoption of the technologies, and in doing so, reduce oil and gas related methane emissions. For technology developers, having your technology tested under this program will provide financial support for the test work and exposure to representatives from oil and gas operators. It is an opportunity for your technology to perform and prove itself for the audience of your target market in the oil and gas industry.

Technology developer's role: Your role in CanERIC is to provide information regarding your technology and the key outstanding hurdles that stand in the way of that technology's adoption by the oil and gas industry, particularly in Western Canada. This process starts by completing the attached form to provide industry representatives with sufficient information to help assess the opportunity to test your technology under the CanERIC program versus other offerings from other developers. If your technology is selected as having potential, you will be asked to attend meetings to help assess how best to perform the test work needed to de-risk your technology's adoption by the industry. Testing requirements will be shaped through input from the developer, oil and gas operators and testing service providers. Once a cost estimate has been developed for the testing and associated benefits of the tests are evaluated, a project will be assessed for funding from the program. CanERIC will provide government funding to cover a portion of the testing costs, operating members will provide in-kind support through field test sites as required. The technology developer is also expected to contribute in-kind equipment and cash to cover a portion of the testing costs.

Company Name _____ Date _____

Contact Name _____ Position _____

Phone _____ Email _____

Headquarter Location _____ (City)

Technology for ☐ Detection/ ☐ Mitigation of Methane

Our technology will reduce methane emissions in the following areas:

☐ Pneumatics	☐ Tank vents	☐ Wells; SCVF & GM
☐ Fugitives: equipment leaks	☐ Compressor seals	☐ Combustion

NON-CONFIDENTIAL description of technology:

State of technology development (please note the goal of CanERIC is prove up technologies that are near-ready for field adoption but are not yet fully commercial. By CanERIC's definition fully commercial means the technology has already been adopted in Western Canadian oil and gas operations and industry would see no technological risks associated with adopting the technology. For example, if your technology has never been tested in Canadian winter conditions, then it is not a TRL 9 for CanERIC):

1 (concept) 2 3 4 5 6 7 8 (commercial) 9

Comments related to your TRL rating:

Describe the economics of the technology as they apply to a commercial installation of the technology. Include estimates of capital cost, installation cost, operating cost, offsetting costs (such as reduction in propane, generates electricity or increases well performance), etc.

Describe the required next step(s) in development of the technology (to prove technology, determine operating parameters, etc.). Include from your perspective what sort of testing hurdles need to be addressed to further commercial adoption of the technology and to your knowledge, the costs that may be involved in this test work (i.e. cost of equipment, installation requirements, test site requirements/conditions).

Provide comments on how your technology compares to alternatives/competitors already in the market and/or gaps that your technology will fill:

Please attach this form any additional supporting information that will help CanERIC's steering committee to evaluate the opportunity to test your technology under this program in an email to Brian Spiegelmann at **bspiegelmann@ptac.org**.

(to be completed by technology developer) version 2.1