



METHANE
GUIDING
PRINCIPLES

Methane Guiding Principles Signatory

TC Energy
January, 2024





Company: TC Energy

Year of Joining Methane Guiding Principles: 2018

Senior Representative: Greg Grant – President, Canadian Natural Gas Pipelines

Principle One: Continually reduce methane emissions.

- Please state what specific activities or projects your company has undertaken to reduce methane emissions. Please refer to the previous year’s annual MGP reporting where applicable to refer to intended activity. Link to sustainability report where relevant to provide further detail.
- Describe how the reduction was achieved including description of the asset type, technology type, timeframe. What was the end result?
- Provide data to support your description e.g., the actual amount of emissions reduction achieved, or the reduction in methane intensity.

2023 Completed Activity	2024 Intended Activity
<p>In Canada, we continued to implement our Leak Detection and Repair (LDAR) program in accordance with federal regulations designed to reduce methane emissions from the Oil and Gas Sector by 40-45% below 2012 levels by 2025. We have maintained our expanded LDAR program which includes assets beyond regulated requirements. This is enabling TC Energy to shift away from emission factors and estimation methods to better quantify and address fugitive emissions.</p> <p>TC Energy also anticipates additional reductions in Canada for vented emissions with the implementation of the final phase of the 2023 regulations. This includes retrofitting or replacing pneumatic devices to limit venting below 0.17 standard m³/hour natural gas.</p> <p>TC Energy has also continued the pilot program for mobile incinerators that destroys residual natural gas during maintenance events. TC Energy has employed pull-down compressors to capture/recycle methane that must be evacuated for maintenance, but residual gas remains. The incineration technology enables conversion of the residual methane to carbon dioxide which has a much lower GHG warming potential. These efforts have led to thousands of tonnes of carbon dioxide equivalent (CO₂e) saved. (Source: TC Energy 2023 CDP Climate Change Questionnaire C-0G4.6)</p>	<p>TC Energy continues to target five focus areas to reduce the emissions intensity of our operations, while also capturing growth opportunities that meet the energy needs of the future:</p> <ol style="list-style-type: none"> 1. <i>Modernize our existing systems and assets</i> <ul style="list-style-type: none"> • We continue to enhance our fugative leak detection and repair programs, modernize, and enhance our equipment, and develop and implement new practices and technologies. 2. <i>Decarbonize our energy consumption</i> <ul style="list-style-type: none"> • We are seeking low-carbon energy sources to support our operations by sourcing renewable power, shifting company fleet towards electric vehicles, converting gas compressor stations to electric motor drives and installing dual-drive compressor motors to lower emissions while maintaining reliability. 3. <i>Invest in low-carbon energy and infrastructure</i> <ul style="list-style-type: none"> • We are developing a broad range of new opportunities that offer energy solutions for today and for the future; including renewable energy projects, energy storage solutions, and we are further exploring decarbonization projects with our partners. 4. <i>Drive digital solutions and technologies</i>



TC Energy has begun to retrofit existing facilities to include **venting isolation valves** to reduce emissions during planned outages. These isolation valves allow for option to perform more maintenance activities without venting methane. This program is expected to be completed in 2025.

TC Energy completed the installation of three **compressor dry gas seal capture and reuse technologies** in 2023. The technologies are capturing gas vented from the dry gas seals of our compressor units and either reinject the natural gas upstream into the compressor suction or reuse it in the utility gas system.

Reported methane emissions from our Canadian natural gas pipelines decreased by 14% from 2019. (Source: [Report on Reliability of Methane Emissions Disclosure, TC Energy 2023 CDP Climate Change Questionnaire Response, C4.2b](#))

In the U.S., TC Energy has been completing annual leak measurements and repairs in accordance with Environment Protection Agencies (EPA) GHGRP under 40 CFR 98 Subpart W, 40CFR 60 Subpart OOOOa, or state regulations as applicable. (Source: [TC Energy 2023 CDP Climate Change Questionnaire Response, C-OG4.7a, pg. 11](#))

In Mexico, TC Energy has implemented an emissions inspection program which is reported to the Agency of Security, Energy, and Environment (ASEA). This has expedited fugative leak repairs and operational efficiency of the Mexico natural gas assets.

TC Energy is a member of the [ONE Future coalition](#) which is comprised of some of the largest natural gas production, gathering and boosting, processing, transmission and storage and distribution companies in the U.S. and represents approximately 15% of the U.S. natural gas value chain. **The coalition registered a total 2022 collective methane intensity of 0.421%, surpassing its 2025 goal of 1.0% for the fifth year in a row.** (Source: [ONEFuture AnnualReport 2023 \(1\).pdf](#)). **The Transmission & Storage sector 2022 methane intensity was 0.088%, surpassing its 2025 sector goal of 0.301% by 70.8%.** The 2022 results

- We are developing and deploying software and systems to digitize our operations and monitor emissions.

5. *Leverage carbon credits and offsets*

- We are evaluating and leveraging carbon offsets and assessing opportunities to develop nature-based solutions by engaging in voluntary markets and participating in compliance markets.

Details of these focus areas and our **action plan** can be found in our [GHG Emission Reduction Plan and annual Report on Sustainability](#).

TC Energy expects to **leverage additional learnings from our incineration pilots to expand the blowdown mitigation program for planned pipeline blowdowns** which are required to empty natural gas from a pipeline system to allow for safe maintenance work. In parallel to our existing pilots, we will continue to evaluate other technologies to either capture the residual gas or isolate sections to avoid blowdowns altogether.

In **Canada** the draft release of the proposed methane framework from Environment Climate Change Canada (ECCC) has been released. While still in draft form, there are additional requirements for methane reduction and mitigation. TC Energy has been preparing for a host of potential scenarios to comply with the anticipated regulations and will look to validate those scenarios with ECCC in 2024.

In the **United States**, the EPA's federal methane supplemental regulations are expected to come into force. The supplemental regulations also require states to reduce methane emissions from hundreds of thousands of existing sources nationwide for the first time.

In **Mexico**, TC Energy will continue the emissions inspection program for the equipment and components for our natural gas facilities, which will be quantified and reported to the Agency of Security, Energy and Environment ASEA on an annual basis. Mexico will continue to drive towards reducing methane and GHG emissions.



reflect reporting from 54 of ONE Future's member companies, an increase from the 24 reporting members in 2019. After more than doubling membership since 2019, the overall ONE Future methane intensity continues to remain less than half the 1.0% goal, demonstrating that the natural gas industry can minimize **methane** emissions and increase production and throughput while supplying much needed energy to the U.S. and around the globe.

TC Energy is also a member of the [Interstate Natural Gas Association of America \(INGAA\)](#). INGAA is a trade organization that advocates regulatory and legislative positions of importance to the natural gas pipeline industry in North America. INGAA members operate nearly 200,000 miles of natural gas pipelines and have worked collectively to reduce methane emissions from their operations. Since issuing the Climate Commitments (2019-2021), INGAA members have decreased methane emissions on average by 28%. In January 2021, INGAA members adopted a set of commitments, including working as an industry toward reaching net-zero GHG emissions from the members' transmission & storage operations by 2050. INGAA published its inaugural Climate Report which highlighted members' actions in reducing emissions and being part of the climate solution. The INGAA membership collectively reported a 2021 methane intensity of 0.077%.

TC Energy is committed to avoidance or mitigation of vented natural gas releases and successfully implemented venting mitigation efforts that avoided methane emissions of more than 300,000 tonnes of CO₂e in 2022. Examples of venting mitigation employed by TC Energy include the use of portable compression on pipeline maintenance projects to move gas from isolated to live segments of pipeline to avoid venting gas into the atmosphere, as well as optimization of purge times on stationary compressor units to reduce gas loss during startups. On the digital forefront, TC Energy is rolling out a new tool to optimize fuel consumption of the compression fleet and reduce overall GHG emissions. The Compressor Optimization Tool provides real time recommendations on compressor station level unit configuration to optimize the volume of gas that can be pumped through each



station with the lowest amount of resulting CO₂ emissions.

TC Energy is also a member of [EPA's Methane Challenge Program](#). Members of EPA's Methane Challenge Program are committed to transparently reporting systematic and comprehensive actions to reduce methane emissions through one or both of the program's frameworks: Best Management Practice Commitment and the ONE Future Emissions Intensity Commitment. Both options seek to mitigate methane emissions across the natural gas value chain. Methane Challenge Program partners share information, technologies, and best practices among peers.

Principle Two:

Advance strong performance across the gas supply chain

Please include answers to the following questions:

1. Did you participate in any methane research or plan to do so?
 2. Did you conduct any outreach on methane management?
- Describe what action you have taken to engage industry players across the value chain to better understand how to achieve robust methane emissions management. Outreach activity could include training sessions, participation in webinars, influencing of NOJV partners, or publication of guidance. Activity could also include commercial incentives or engagement with investors to drive better performance by others.
 - Provide details of any outcomes that resulted from your action.

2023 Completed Activity	2024 Intended Activity
<p>As a signatory to MGP, TC Energy completed the following commitments in 2023:</p> <ul style="list-style-type: none"> • Sponsored and facilitated a virtual Executive and Masterclasses in 2023. This event facilitated the sharing of learnings for methane reduction activities and policies. Sessions were posted on the MGP website along with Best Practice webinars from MGP members. • Participated in dialogue to share insights and learnings relevant to midstream operators in North America and globally. <p>TC Energy engages oil and gas value chain partners (upstream, midstream and downstream) in various ways to ensure the interests and concerns of its stakeholders are heard. (Source: TC Energy 2023 CDP Climate Change Questionnaire Response, C12 [Engagement]).</p> <p>We continue to shape industry best practices and technology development through our strategic involvement in various research and innovation-related industry associations and initiatives. Some of these partnerships include:</p> <ul style="list-style-type: none"> • The Pipeline Research Council International (PRCI); • The American Gas Association (AGA); 	<p>TC Energy will continue to participate and partner with research organizations like PRCI, CEPEI, PTAC and CanERIC to advance environmental stewardship and emissions reduction initiatives across the energy industry. We will also continue to evaluate opportunities to provide investment support for methane monitoring and reduction technologies across the natural gas value chain through our membership with the Natural Gas Innovation Fund (NGIF).</p> <p>As a signatory to MGP, we will focus on actions to reduce methane emissions across the natural gas supply chain and continue to provide relevant insights and learnings to midstream operators, in North America and globally.</p> <p>We are actively working with our suppliers and customers to understand Scope 3 emissions along our entire value chain. Scope 3 emissions occur from sources owned or controlled by other entities in TC Energy’s value chain. They are organized into 15 categories, which are intended to provide a systemic approach to understanding the diversity of activities within a company’s value chain. Not all categories are relevant to all companies. We currently track and report on four categories of Scope 3 emissions that are relevant to our business:</p>



- Canadian Energy Partnership for Environmental Innovation (CEPEI); and
- The Intelligent Pipeline Integrity Program (iPipe).

We participate in **Petroleum Technology Alliance Canada (PTAC)** and **Canadian Emissions Reductions Innovation Consortium (CanERIC)** committees which emphasize industry sharing of best practices learned with a focus on methane (Source: [annual Report on Sustainability, TC Energy 2023 CDP Climate Change Questionnaire Response, C-4.3](#)).

TC Energy is a member of the **Natural Gas Innovation Fund (NGIF) Cleantech Ventures** which provides investment support for technologies across the **natural gas value chain**. NGIF supports technologies for emissions monitoring and measurement, as well as emerging technologies to reduce methane venting, flaring, and fugitive emissions.

Another TC Energy membership to industry coalitions includes the **American Petroleum Institute (API)**, and **API's The Environmental Partnership (TEP)** – a coalition of U.S. natural gas and oil production, processing, and transmission companies- first initiative is focused on further emissions reduction, incl. methane and Volatile Organic Compounds (VOCs) associated with natural gas and oil production/processing/ transmission. (Source: [TC Energy 2023 CDP Climate Change Questionnaire Response, C-OG4.2d, page 96](#))..

TC Energy participates in TEP Pipeline Blowdown Program, which is focused on broadening the scope of emission reduction capabilities across the **supply chain** by promoting best practices and techniques during the pipeline blowdown process along pipelines between compressor stations.

We support objectives to reduce **methane** emissions to meet provincial, federal, and global climate change targets, and we are a signatory to the **Methane Guiding Principles (MGP)**. These principles focus priority areas for action towards reduction of methane emissions across the natural gas value chain. (Sources: [Report on Reliability of Methane](#)

Fuel and energy related activities (not already included in Scope 1 and 2), waste generated in operations, business travel, and upstream leased assets. (Sources: [annual Report on Sustainability, TC Energy 2023 CDP Climate Change Questionnaire Response, C-6.5](#))



[Emissions Disclosure, TC Energy 2023 CDP Climate Change Questionnaire Response, C-OG4.2d](#)).

The annual [Report on Sustainability](#) and [ESG Profile](#) are published to encourage further engagement with us on climate change positioning and actions. We also provide public information about GHG emission reduction practices through voluntary publications like the [CDP Climate Change Questionnaire](#).

Principle Three:

Improve accuracy of methane emissions data.

- Describe action taken to improve methane emissions data collection methodologies. This could be application of new technology at an operated site(s), investment and participation in R&D initiatives, development of monitoring/modelling software, or support to research that improves the accuracy of the quantification of methane emissions.
- Where new technology /software has been piloted or adopted, it is helpful to describe how it works, the reasons it was selected, and how it was deployed. Any data that can be shared to demonstrate improvements is useful.
- How these new methods/technologies has been adopted into your accounting process if at all.

2023 Completed Activity	2024 Intended Activity
<p>Specific to methane emissions management, we take a multi-faceted approach to our proactive maintenance and monitoring programs, combining ongoing aerial and ground-based patrol programs with our sensitive leak detection technologies to monitor pipelines for indications of leaks. Some of these technologies include specialized optical gas imaging technology, advanced in-line inspection tools, and other methane detection tools to help further protect our pipelines and reduce environmental impacts.</p> <p>TC Energy continues to use and improve our custom in-house developed Emissions Management Application within SAP (EMA-SAP Tool). The application is fully integrated with our enterprise resource planning software and its automated features enable us to action repairs sooner, maintain good records, and identify trends in inspection results. (Sources: Report on Reliability of Methane Emissions Disclosure, TC Energy 2023 CDP Climate Change Questionnaire Response, COG4.7).</p> <p>In Canada, we have expanded our LDAR program to directly quantify fugitive emissions from sources beyond the regulatory program, to shift away from emissions factor and estimation methods. In preparation for 2023 methane regulation record-</p>	<p>Our digital transformation journey is ongoing. We are continuing to drive digital solutions that help us meet our emissions reduction goals. Moreover, we are working with strategic partners to develop industry-accepted emissions technology and data standards.</p> <p>TC Energy is investing in and harnessing artificial intelligence (AI) and machine learning for data-based decision-making and, to streamline new ideas into development and through to implementation. TC Energy has established an AI and machine learning innovation lab, where our team of data scientists, and subject matter experts, from various departments and specializations, can experiment with new technologies in a test environment.</p> <p>In 2024, TC Energy will continue to digitize collection of emissions data. We are piloting and evaluating technologies for real-time monitoring of our assets and investing in upgrades to our equipment that will facilitate enhanced accessibility to data that will drive improved decision-making and optimized performance. The results of these pilots will be carefully assessed to make informed and valuable decisions.</p>



keeping requirements, we have **inventoried all vent sources at our facilities** and are **digitizing collection of this data** to enhance record-keeping and decision-making for methane emissions reduction.

TC Energy has also continued and expanded the pilot program for methane **continuous emissions monitoring systems**. The program now includes several different technologies, located at the same station. The goal is to understand the most effective technologytype for our applications. The results of this expanded pilot will guide future continuous monitoring decisions.

For more details around driving digital solutions and technologies and applying what we learn to better optimize system operations, see our [Report on Reliability of Methane Emissions Disclosure](#) and [GHG Emission Reduction Plan](#)

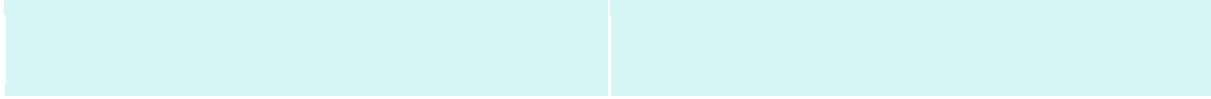
Principle Four:

Advocate sound policy and regulations on methane emissions

Advocacy consists of active participation in legal consultation processes, external policy statements, and direct engagement with government.

- Consider providing details on the region or regulation involved, how you undertook your advocacy, others involved, and the outcome.

2023 Completed Activity	2024 Intended Activity
<p>TC Energy actively participates in several government, industry and academic collaborations dedicated to improving field research and adoption of emissions detection, quantification, mitigation, conservation, and conversation technologies. The outcomes of these collaborations and pilot projects will inform our selection of practices and technologies to reduce emissions, while meeting safety and reliability requirement. (Sources: Report on Reliability of Methane Emissions Disclosure, TC Energy 2023 CDP Climate Change Questionnaire Response, C4.3c).</p> <p>TC Energy is an active participant in the development of public policy positions, sharing our expertise and experience in using technology and contributing to research and development to reduce emissions. (Source: Report on Climate-related Lobbying) For 2023, TC Energy led several in-person bilateral discussions with Environment and Climate Change Canada (ECCC) (Source: TC Energy CDP Climate Change Questionnaire Response, C12.3a), at multiple levels, to guide and inform the development of the proposed methane framework as noted in Canada’s commitment to reduce Oil & Gas methane emissions by at least 75% by 2030.</p> <p><i>For a description of the processes implemented to ensure all our direct and indirect activities that influence policy are consistent with our overall climate change strategy, please see our Report on Climate-related Lobbying, Report on Reliability of Methane Emissions Disclosure and TC Energy 2023 CDP Climate Change Questionnaire Response, C12.3</i></p>	<p>TC Energy remains committed to working with all levels of government to ensure our business benefits and risks are understood and mitigation strategies are implemented. We monitor climate policy and related developments through our Enterprise Risk Management (ERM) program to ensure leadership has visibility to the broader perspective, and that treatments are applied in a holistic and consistent manner.</p> <p>Across North America, there are a variety of new and evolving initiatives and policies in development at the federal, regional, state, and provincial level aimed at reducing GHG emissions. We actively monitor and, when appropriate, submit comments to regulators as these new and evolving initiatives are undertaken and policies are implemented. We support transparent climate change policies that promote sustainable and economically responsible natural resource development and, in October 2021, (See GHG Emission Reduction Plan that includes GHG reduction targets in support of global climate goals.</p> <p>Going forward, we intend to report our progress and performance against our emissions reduction targets in our annual Report on Sustainability and other reporting as appropriate. We remain committed to full transparency in our communications and reporting as our plans evolve (including those related to methane emissions data, methodologies, and progress and challenges in methane emissions management).</p> <p>A complete list of our annual publications can be found on our ESG Directory.</p>



Principle Five: Increase transparency

Please include answers to the following question:

1. Are you participating in OGMP 2.0, or do you intend to do so? If you are participating in OGMP 2.0 you may provide a link to the website.
 - Describe what activity you have carried out e.g., providing information in relevant external reports on methane emissions data, methodologies, and progress and challenges in methane emissions management.
 - If you have contributed towards the standardization of comparable external methane reporting describe the activity, you have taken.

2023 Completed Activity	2024 Intended Activity
<p>TC Energy is exploring the possibility of joining the OGMP 2.0. We have established a cross functional task force of internal subject matter experts to help assess and quantify the potential impacts, costs, and benefits of joining. Methane emissions are heavily regulated, with complex and differing regulations at the federal, state, and provincial levels in each of the three jurisdictions that we operate. We are engaging with OGMP 2.0 representatives to discuss the perspectives and potential costs for our different business units as we consider pathways to enhance and improve our methane reporting across our organization.</p> <p>For 2023 TC Energy adhered to the GHG reduction roadmap to reduce our GHG emissions intensity by 30% by 2030 and position the company to achieve net zero emissions from operations by 2050. TC Energy followed the 5 focus areas on the roadmap to reduce the emissions intensity of our operations. These focus areas provide additional clarity on how and where the efforts will occur. The focus areas are: modernizing our assets, decarbonizing our energy consumption, investing in low carbon energy and infrastructure, driving digital solutions and technologies, and finally, leveraging carbon credits and offsets. (Source: 2023 TC Energy GHG Reduction Plan).</p>	<p>As noted in the 2023 MGP signatory report, TC Energy intends on reporting our progress and performance against our emissions reduction targets in our annual Report on Sustainability and other complementary communications as appropriate. We remain committed to full transparency in our communications and reporting as our plans evolve (including those related to methane emissions data, methodologies, and progress and challenges in methane emissions management).</p> <p>For 2024 TC Energy is working to develop an Air Emissions Reporting System (AERS), focused on addressing GHG data availability, reliability, and reporting processes. This is expected to be a multiyear project and is being prepared in response to upcoming regulations and to support TC Energy's corporate objectives.</p>



Published information about our organization's response to climate change and GHG emissions performance can be found here:

- [Annual Report on Sustainability \(published July 2023\)](#)
- [GHG Emission Reduction Plan](#)
- [2023 CDP Climate Change Questionnaire Response](#)
- [2023 Report on Reliability of Methane Emission Disclosure](#)
- [2023 TCFD Alignment Table](#)
- [2023 SASB Alignment Table](#)
- [2023 UN SDG Alignment Table](#)
- [ESG Profile](#)



Methane Emissions

<p>Do you report absolute methane emissions within your sustainability report? <i>If so, provide link.</i></p>	<p>Yes Report on Reliability of Methane Emissions TC Energy 2023 CDP Climate Change Questionnaire Response, C7, Page 149</p>
<p>Do you report a methane intensity within your sustainability report? <i>If so, provide link.</i></p>	<p>No; methane intensity (as a percentage) is submitted to ONE Future, as part of our commitment within the coalition of companies to reduce methane emissions; company-specific information is not disclosed publicly, rather rolled up to sector totals (in our case, Transmission and Storage). Enterprise-wide methane intensity is not currently quantified</p>
<p>What is your organization's total absolute methane emissions? Provide a figure in tons. Provide latest data publicly available.</p>	<p>142,159 tonnes CH₄ (2022) Source: Report on Reliability of Methane Emissions</p>
<p>State your methodology.</p>	<p>We calculate GHG emissions using a combination of methods mandated by various regulations in the different jurisdictions where we operate.</p> <p>We report our emissions to British Columbia, Alberta, Saskatchewan, Manitoba, Ontario, Québec, Environment and Climate Change Canada, the U.S. Environmental Protection Agency, California, Oregon, Washington, and Mexico's Ministry of Environment and Natural Resources (SEMARNAT). These methods can include, but are not limited to, direct measurement and use of emission factors in conjunction with operating conditions. We report gross emissions emitted to the atmosphere before accounting for offsets, credits, or other similar mechanisms that have reduced or compensated for emissions. For increased transparency, after 2021 methane emissions reported within this submission include those considered below reporting thresholds under regulatory reporting regimes (Report on Reliability of Methane Emissions & annual Report on Sustainability)</p>
<p>State your reporting boundary.</p>	<p>Reported emissions have been adjusted based on legal entity ownership, as of December 31, 2022, as disclosed in our 2022 Annual Report.</p>



	Please refer to our 2023 CDP Climate Change Questionnaire Response (question C-5.1).
<p>What are your organization’s methane intensity? Provide latest data publicly available.</p>	<p>Methane intensity (as a percentage) is submitted to ONE Future, as part of our commitment within the coalition of companies to reduce methane emissions; company-specific information is not disclosed publicly, rather rolled up to sector totals (in our case, Transmission and Storage). Enterprise-wide methane intensity is not currently quantified.</p> <p>Further breakdowns are provided in the TC Energy GHG Reduction Plan. Methane source, scope 1 & 2, and relative volumes.</p>
State your methodology.	Not Applicable.
State your reporting boundary.	Not Applicable.
<p>Do you have a methane emission target? If yes, please state what it is, including the boundaries and methodology. If no, are you developing such a target? Please state your intended timeline.</p>	Not Available.

Commentary

This questionnaire response contains certain information that is forward-looking and is subject to important risks and uncertainties (such statements are usually accompanied by words such as “anticipate”, “expect”, “believe”, “may”, “will”, “should”, “estimate”, “intend” or other similar words).

Forward-looking statements do not guarantee future performance. Actual events and results could be significantly different because of assumptions, risks or uncertainties related to our business or events that happen after the date of this document.

Our forward-looking information in this document includes, but is not limited to, statements related to: TC Energy’s GHG Emissions Reduction Plan and annual Report on Sustainability; GHG intensity reduction targets; GHG emission reduction targets; anticipated reduction of vented emissions through retrofitting or replacing pneumatic devices; our five focus areas to reduce the emissions intensity of our operations, including modernization of existing assets, decarbonizing our energy consumption, investment in low-carbon energy infrastructure, digital solutions and technologies and leveraging carbon offsets; leveraging learnings from our incineration pilots to expand blowdown mitigation programs; our continued monitoring of regulatory requirements in Canada, the United States and Mexico; our goal in Mexico or reducing GHGs based on the 2019 baseline of a 28% reduction in 2027; our participation in various research organizations; our work to understand Scope 3 emissions along the value chain; development of digital, technological and operational solutions that help us meet our emissions reduction goals; our digital transformation objectives, including

harnessing artificial intelligence and other technologies in support thereof; our legislative, regulatory and other policy-based advocacy; the intention to report progress and performance against GHG targets in our annual Report on Sustainability; and our work in developing an Air Emissions Reporting System.

Our forward-looking information is based on certain key assumptions and is subject to risks and uncertainties, including but not limited to: our ability to successfully implement our strategic priorities and whether they will yield the expected benefits, our ability to develop, access or implement some or all of the technology and infrastructure necessary to efficiently and effectively achieve GHG emissions targets and ambitions, the commercial viability and scalability of GHG emissions reduction strategies and related technology and products, the development and execution of implementing strategies to meet our sustainability commitments and GHG emissions targets and ambitions, realization of expected benefits from acquisitions, divestitures, the spinoff transaction and energy transition, our ability to implement a capital allocation strategy aligned with maximizing shareholder value, the operating performance of our pipeline and power and storage assets, amount of capacity sold and rates achieved in our pipeline businesses, the amount of capacity payments and revenues from our power generation assets due to plant availability, production levels within supply basins, construction and completion of capital projects, cost and availability of, and inflationary pressure on, labour, equipment and materials, the availability and market prices of commodities, access to capital markets on competitive terms, interest, tax and foreign exchange rates, performance and credit risk of our counterparties, regulatory decisions and outcomes of legal proceedings, including arbitration and insurance claims, our ability to effectively anticipate and assess changes to government policies and regulations, including those related to the environment, our ability to realize the value of tangible assets and contractual recoveries, competition in the businesses in which we operate, unexpected or unusual weather, acts of civil disobedience, cyber security and technological developments, ESG related risks, the impact of energy transition on our business, economic conditions in North America as well as globally, and global health crises, such as pandemics and epidemics, and the impacts related thereto.

For additional information about the assumptions made, and the risks and uncertainties which could cause actual results to differ from the anticipated results, refer to the most recent Quarterly Report to Shareholders and Annual Report filed under TC Energy's profile on SEDAR and with the SEC and the "Forward-looking information" section of our annual Report on Sustainability and our GHG Emissions Reduction Plan which is available on our website at www.TCEnergy.com. As actual results could vary significantly from the forward-looking information, you should not put undue reliance on forward-looking information and should not use future oriented information or financial outlooks for anything other than their intended purpose. We do not update our forward-looking statements due to new information or future events, unless we are required to by law.