

ANNUAL REPORT 2024

Advancing Environmental
Solutions through
Collective Efforts



Our Mission

To continuously improve the industry's environmental performance by **taking action**, **learning** about best practices and technologies, and fostering **collaboration** to responsibly develop our nation's essential oil and natural gas resources.

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Joint Message

from the Chairs and Director

The Environmental Partnership (TEP) continues to deliver on its goal to promote and enhance sharing of operational learnings and solutions that reduce methane emissions. This progress comes as the industry itself is transforming, through mergers and acquisitions, and as the regulatory landscape related to methane rapidly evolves. These changes present challenges and opportunities, but what remains is TEP's mission to improve the industry's environmental performance and reduce methane emissions.

Environmental performance starts with a sound foundation of environmental regulatory requirements. From this foundation companies can move beyond what is required and deliver even more performance improvements. TEP plays an instrumental role in supporting companies as they move beyond compliance. It fosters the sharing of knowledge and best practices between operators, partners with leading technical and academic experts to advance industry understanding, and promotes collaboration to identify innovative solutions and practices that reduce methane emissions. In 2023, we saw significant progress in technology development and comprehensive methane regulations. With these changes, TEP has reexamined its efforts to adapt to the rapidly changing environment.

From the beginning, industry had a strong commitment to advancing environmental solutions, and TEP came together around the concept that greater progress could be accomplished through collective efforts. This concept is even more vital today.

We remain committed to our core principles: **TAKING ACTION, LEARNING** and **COLLABORATING**. Moving forward, TEP will continue to work with member companies to advance the industry's commitment to methane emissions reduction.

Our participants are committed to **taking** real and concrete **actions** to reduce our industry's environmental footprint. In 2023, TEP added two new performance programs, bringing liquid pipeline operators into our growing coalition. In the fall, we reviewed TEP's six existing performance programs to ensure that the actions and metrics defined by the programs remain meaningful, given the significant industry advancements since their creation and the numerous recent regulatory changes. We want our performance programs to drive reductions in emissions beyond regulatory requirements. With this intent in mind, TEP continued to update its programs as we moved into 2024.

We continue to foster **learning** about the latest industry innovations and best practices to further reduce emissions. TEP held several events, including an emissions measurement and detection-focused workshop in Denver and a Permian Basin workshop targeting solutions for tank emissions and flare efficiencies. TEP also initiated projects to better understand and reduce methane emissions. Some of these projects are related to advancing industry practices to use operational parameters to identify and predict emission events, and on flare management and operation efficiencies.



Collaborating with stakeholders outside our member companies is another way TEP drives positive change and industry improvement. In 2023, TEP conducted a compressor roundtable that included compressor engine manufacturers. The objective was to brainstorm solutions to reduce methane emissions from compressors and engine slip. We also organized a working session with Colorado State University's Methane Emissions Technology Evaluation Center (METEC) to support its effort to revise the METEC protocols to better test the deployment of leak detection and quantification solutions. The partnership further expanded its support for METEC as the center takes steps to modernize its testing equipment and expand its research abilities to onshore midstream and offshore facilities over the next few years. TEP is proud to work with key partners in the shared goal of understanding and reducing emissions.

Our members are a diverse range of companies including small and large operators within and across multiple oil and natural gas segments. All are committed to working together to responsibly develop our nation's essential oil and natural gas resources while actively taking steps to further enhance environmental performance.

Our members' 2023 accomplishments include:

- Conducting more than **640,000 leak** monitoring surveys, of which more than 60% were done voluntarily,
- Utilizing approved emissions reduction practices on **more than 740 compressors**, and
- Achieving a **6.6% reduction in flare intensity** and a **10% reduction** in total flare volumes compared to the previous year.

We are excited by what TEP has accomplished in the past year and about continuing the progress the partnership has achieved since its creation in 2017. We are grateful for the ingenuity, creativity, and know-how of the individuals at our participating companies, whose enthusiastic leadership and support help collectively drive our industry further along its environmental journey and get us even closer to our goal of reducing energy-related emissions.

VANESSA RYAN
Chair
Chevron



ANGELA ZIVKOVICH
Chair
Occidental



JONATHAN MATT
Chair
MPLX



EMILY HAGUE
Director
The Environmental
Partnership



2023 Participating Companies

 Great Today's Better Tomorrow's	 AETHON	 Antero Midstream	 Antero Resources	 Apache	 ASCENT RESOURCES [®]	 BATTALION OIL CORPORATION
 BLUERACER MIDSTREAM	 bp	 BTA	 CAERUS	 CALLON PETROLEUM	 CHESAPEAKE ENERGY	 Chevron
 Chord Energy	 COMSTOCK RESOURCES	 ConocoPhillips	 Continental RESOURCES	 COTERRA	 CROWNCOAST	 Denbury
 devon	 DIAMONDBACK ENERGY	 DIVERSIFIED energy	 ELEVATION RESOURCES	 Endeavor Energy Resources ^{LP}	 ENBRIDGE	 ENERGY TRANSFER
 ENERVEST	 ENLINK MIDSTREAM	 eog resources	 EQT	 equinor	 equitrans Midstream	 ExxonMobil
 FLYWHEEL ENERGY	 Gulfport ENERGY	 HESS	 HESS Hess Midstream Partners	 JKM ENERGY LLC	 KINETIK	 Kraken RESOURCES
 LIME ROCK RESOURCES	 Loop LLC	 MACH RESOURCES	 MAGNOLIA OIL & GAS	 Marathon Oil	 MAVERICK NATURAL RESOURCES	 MERIT ENERGY COMPANY
 MPLX	 MURPHY OIL CORPORATION	 northeast NATURAL ENERGY	 NorthWestern Energy Delivering a Bright Future	 NuStar	 OXY	 OLYMPUS ENERGY
 ONEOK	 Ovintiv	 PENNSYLVANIA GENERAL ENERGY	 PENNEnergy RESOURCES	 PHILLIPS 66	 PINNACLE MIDSTREAM	 PIONEER NATURAL RESOURCES
 PERMIAN RESOURCES	 PUREWEST Essential Energy. Responsibly Produced.	 RANGE RESOURCES [®]	 REPSOL	 RIO OIL & GAS	 SENECA RESOURCES A NATIONAL FUEL GAS COMPANY	 Sequitur ENERGY RESOURCES

2023 Participating Companies



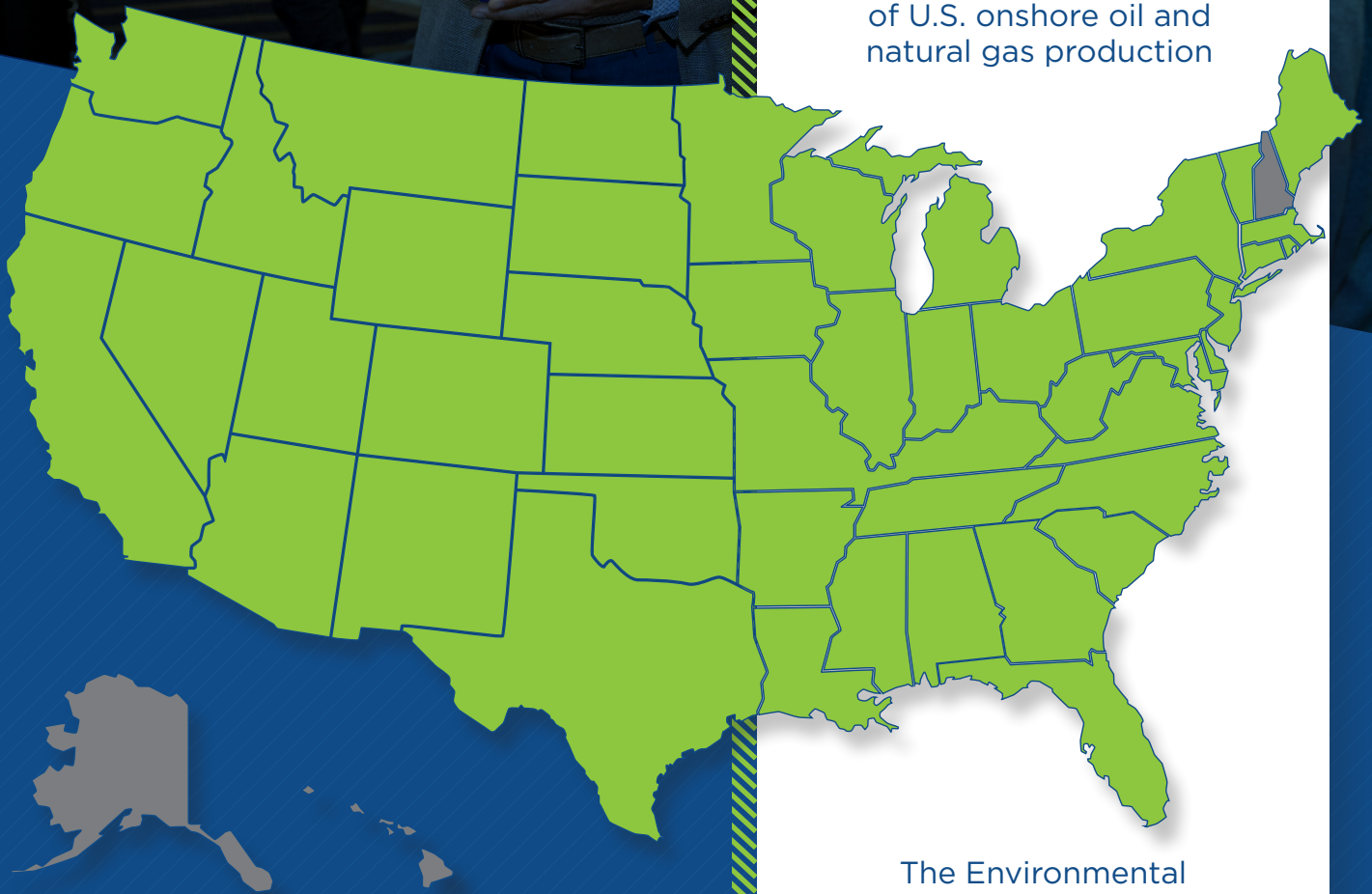
Improving Operations
from Coast to Coast

Participating companies

represent nearly

70%

of U.S. onshore oil and
natural gas production



 States Where Program
is Implemented

The Environmental
Partnership is at work in

47 OF 50 STATES

Advancing Environmental Solutions



Through Collective Efforts

Our industry's commitment to advancing environmental solutions has never been stronger, and through TEP, we foster collective efforts that are built on sharing practices and leveraging knowledge between operators, partnering with other experts to further industry understanding, and working together to identify solutions, innovations and practices that reduce methane emissions. These efforts help accelerate all companies' environmental efforts and build on the industry's progress in reducing methane emissions, which have fallen by 37% between 2015 and 2022 in the U.S., according to the U.S. Environmental Protection Agency.

Take Action

Participants commit to taking action to improve their environmental performance through environmental performance programs that can be implemented and phased into their operations.

Learn

Participants commit to continuous learning about the latest industry best practices and innovations to help further reduce their environmental footprint while safely and responsibly growing energy production.

Collaborate

Participants commit to collaborating with one another and with academics, researchers and regulators on the best strategies, tools and tactics to improve environmental performance.



Taking Action

to Drive Meaningful Reductions in Emissions

A core TEP principle is to take action to reduce emissions. Our performance programs are designed to provide an operating pathway to participants to support their compliance obligations and then take additional steps to accelerate their environmental improvement progress.

Spotlight on Voluntary Industry Progress

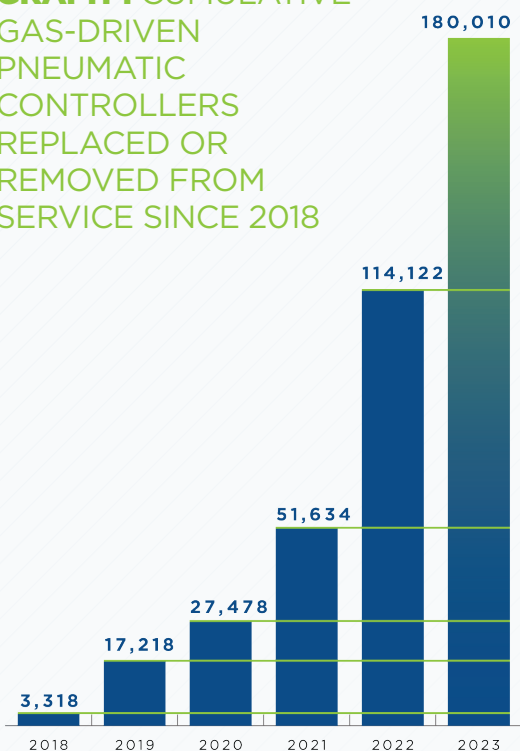
Over the past seven years, participants have made significant advancements across all of TEP’s environmental performance programs. In particular this progress has been seen in the three programs that have been part of TEP since its inception: the [Pneumatics Controller](#), [Manual Liquids Unloading](#) and [Leak Detection and Repair](#) programs.

Pneumatics Controller Program

A major component of remote, automated control of oil and natural gas industry facilities is the operation of control valves, which historically have been powered or actuated by natural gas through pneumatic controllers that release small amounts of methane and volatile organic compounds (VOCs) into the atmosphere.

Converting natural gas-driven pneumatics to non-gas driven alternatives was recognized as one of the best, voluntary actions companies could take to reduce their methane emissions when TEP launched in 2017. Since 2018, TEP participants have removed or replaced more than 180,000 gas-driven pneumatics, resulting in the permanent reduction of an estimated 355,421 metric tonnes CH₄/year released into the atmosphere based on EPA mandatory reporting emissions in place in 2023.¹

GRAPH 1 CUMULATIVE GAS-DRIVEN PNEUMATIC CONTROLLERS REPLACED OR REMOVED FROM SERVICE SINCE 2018



¹ See Table W-1A to Subpart W of Part 98. [80 FR 64262](#), Oct. 22, 2015.

Manual Liquids Unloading Program

Natural gas wells can accumulate liquid that impedes gas flow. These gas wells often need to remove or “unload” the accumulated liquids so that gas production is not inhibited. Manual liquids unloading temporarily diverts the flow of natural gas from the well to an atmospheric vent to allow liquids to rise to the surface without assistance by automated equipment. Careful monitoring of these operations can minimize methane and VOC emissions released into the atmosphere. TEP participants have implemented monitoring best practices on more than 308,000 manual liquid unloading events since 2018, to ensure that wellhead vents are closed to the atmosphere as soon as possible.



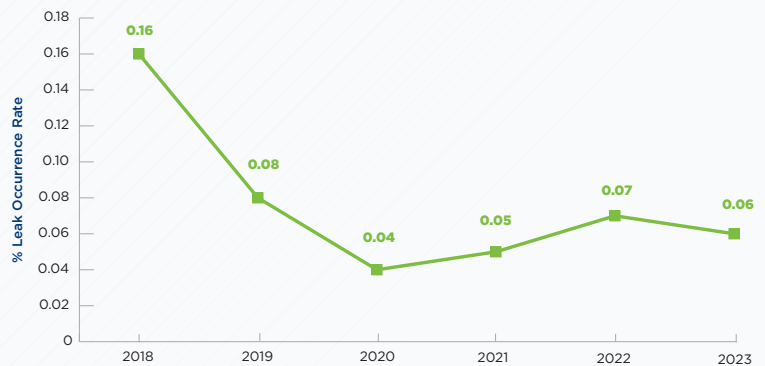
Manual Liquids Unloading Program

Since 2018, TEP participants have monitored more than **308,000** manual liquids unloading events.

Leak Detection and Repair Program

Unintentional emissions from equipment such as valves, pumps, and connectors can occur within operations, so it is important that companies establish leak detection and repair (LDAR) programs to find and fix leaks as soon as possible. Since TEP’s start, participants have worked hard to implement robust LDAR programs within their organization. TEP members have performed more than 1.23 billion component inspections since the partnership’s launch, and last year alone, companies conducted nearly 640,000 leak monitoring surveys, of which more than 60% were conducted voluntarily. Companies inspected over 274 million components, with a leak occurrence rate of just 0.06%, or less than one component leaking in 1,000.

GRAPH 2 ANNUAL REPORTED LEAK OCCURRENCE RATE



% Leak Occurrence Rate — Number of devices or components found leaking / total # of devices or components surveyed.

Transitioning with the Evolving Methane Landscape

Building on this significant progress, TEP took steps last fall to ensure that its performance actions continue to align with the key industry advancements over the past seven years, as well as the evolution in methane-related regulations.

The [Pneumatics Controller](#) and [Manual Liquids Unloading](#) programs, which were at the forefront of emission reduction actions when TEP formed, have become more routine practices within industry operations and have been incorporated into the recent EPA rulemakings as workable solutions to reduce emissions. Accordingly, TEP plans to sunset the two practices as performance programs and reported program metrics following the 2024 Annual Report. We will continue to support members in reducing emissions from

these sources through the sharing of best practices and learnings within workshops and workgroup discussions.

Additional work is also underway to update the [Leak Detection and Repair Performance Program](#) to better align with current industry practices and to promote the leadership actions companies are taking to detect, monitor for and prevent leaks from occurring within their operations.

While near-term efforts will focus on supporting TEP members as they bring their current operations into compliance with the new federal regulatory requirements, the partnership remains committed to driving meaningful emission reductions through collective actions and solutions sharing. Significant work continues within TEP to identify these actions and promote proven, cost-effective solutions companies may use to reduce emissions.

Environmental Performance Programs

Our performance programs are intended to drive reductions in emissions. Informed by data from [the U.S. Environmental Protection Agency's Greenhouse Gas Reporting Program](#) and industry knowledge, there are now eight environmental performance programs that oil and natural gas production, processing and transmission companies participating in TEP can implement within their operations. Below is a summary of each of the eight programs.

Leak Detection and Repair Program

Leak monitoring using detection methods and technologies including portable analyzers, optical gas imaging cameras, and laser-based aerial surveys, followed by timely repair.

Pneumatic Controller Program

Replace, remove or retrofit gas-driven pneumatic controllers with low- or zero-emitting devices.

Manual Liquids Unloading Program

Implement an industry best practice that minimizes emissions by monitoring the removal of liquids that, as a natural gas well ages, can build up and restrict gas flow.

Compressor Program

Implement reduction practices that minimize emissions associated with centrifugal and reciprocating compressors – including routing vapors to control or replacing rod packings.

Pipeline Blowdown Program

Implement reduction practices to minimize emissions during pipeline blowdowns – including routing natural gas to a low-pressure system or reducing pressure.

Flare Management Program

Implement practices to reduce flare volumes, promote beneficial use of associated gas and calculate flare intensity to demonstrate progress.

Maintenance & Integrity Program

Best practices that improve liquid petroleum pipeline and facility integrity and maintenance programs to reduce emissions and product releases to the environment.

Energy Efficiencies Program

Implement best practices to reduce energy consumption for liquid petroleum pipelines and facilities within the transmission and storage segments.

Performance

Highlights

LEAK DETECTION AND REPAIR PROGRAM

More than
274 million
component inspections performed

More than
640,000
surveys conducted

Nearly
170,000
sites surveyed

0.06%
leak occurrence rate, or less than
1 component leaking in a thousand

PNEUMATIC CONTROLLER PROGRAM

More than
59,000
additional gas driven controllers
replaced or removed from service

6,700
zero-emission pneumatic controllers
installed at new sites

More than
6,800
high-bleed pneumatic controllers replaced,
retrofitted or removed from service

45
participating companies no longer have high-
bleed pneumatic controllers in their operations

MANUAL LIQUIDS UNLOADING PROGRAM

Monitored more than
24,500
manual liquids unloading events

PIPELINE BLOWDOWN PROGRAM

Emissions reduction practices
implemented during more than
4,300
pipeline blowdowns

COMPRESSOR PROGRAM

Rod packing changes
on more than
4,300
reciprocating compressors

Approved emissions reduction
practices utilized on more than
740
compressors

Nearly
600
compressor engines replaced
with or installed with
electric motors

Accelerating Progress Year-Over-Year

Since TEP's start, we have seen measurable progress year-over-year through the actions participating companies have taken to reduce emissions.

2018-2023 LEAK DETECTION AND REPAIR PROGRAM

More than

1.23 billion

component inspections performed

More than

2.5 million

surveys conducted

2018-2023 PNEUMATIC CONTROLLER PROGRAM

More than

180,000

gas driven controllers replaced or removed from service

Nearly

21,000

zero-emission pneumatic controllers installed at new sites

2018-2023 MANUAL LIQUIDS UNLOADING PROGRAM

Monitored more than

308,000

manual liquids unloading events

2020-2023 PIPELINE BLOWDOWN PROGRAM

Emissions reduction practices implemented during more than

16,000

pipeline blowdowns

2020-2023 COMPRESSOR PROGRAM

Rod packing changes on more than

14,400

reciprocating compressors

Approved emissions reduction practices utilized on more than

3,300

compressors

Progress on Flaring

TEP and its members are committed to reducing flaring. Since TEP’s flare management program was launched in 2020, participants have advanced best practices to reduce flare volumes, promote the beneficial use of associated gas, and improve flare reliability and efficiency when flaring is necessary. Typically, high-pressure flares are used when there is a lack of natural gas gathering lines or processing capacity, during facility or downstream facility maintenance, or during unplanned events that may require flaring to safely alleviate pressure. In these instances, flaring is better for the environment than venting the gas directly into the air because it releases fewer greenhouse gases.

To track progress, participants in the program annually report data to calculate flare intensity, a measurement of flare volumes relative to production. TEP’s annual report reviews flaring trends and reduction efforts, and participants collaborate to share information on flare management programs that include best practices and utilization of innovative technologies to reduce flaring intensity.

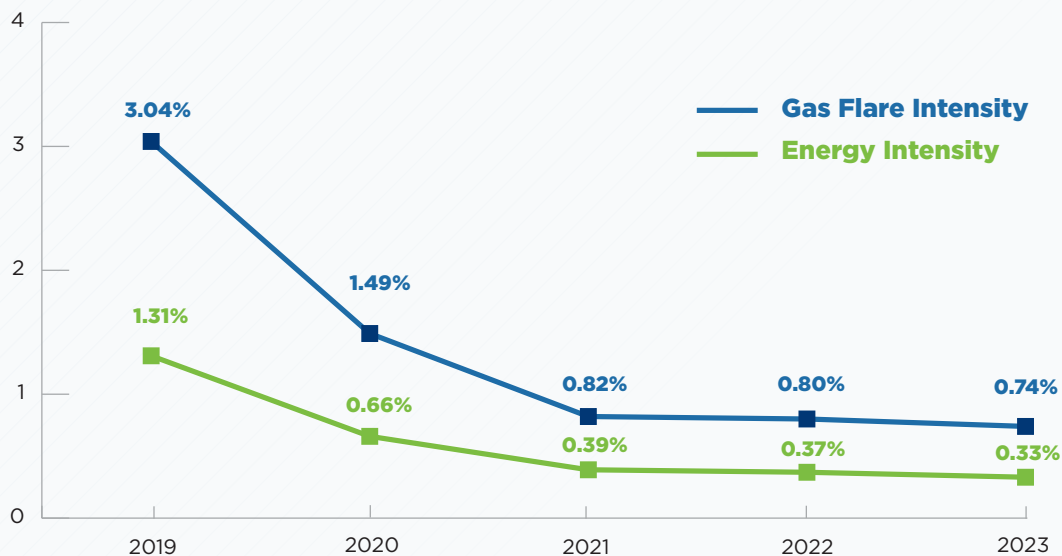
In 2023, participating companies continued to reduce their flaring, achieving a 6.6% reduction in flare intensity and a 10% reduction in total flare volumes compared to the previous year, even as U.S. oil and gas production grew by 9% and 4%, respectively, during the same period.

As TEP participants have made significant progress in reducing their overall flare volumes, focus has shifted to implementing best practices to ensure optimal flare efficiency and performance when flaring is necessary. More than 67% of TEP participants reported that their companies have practices in place to monitor their flares continuously or daily to enhance performance.

Reducing Flare Volumes & Intensity

10% reduction in total flare volumes and a 6.6% reduction in flare intensity

GRAPH 3 PARTICIPATING COMPANY FLARE INTENSITY



* **Gas Flare Intensity** — Flaring relative to gas production in oil fields (MCF gas flared / MCF gas produced)

** **Energy Intensity** — Flaring relative to oil and gas production (BOE gas flared / BOE produced)

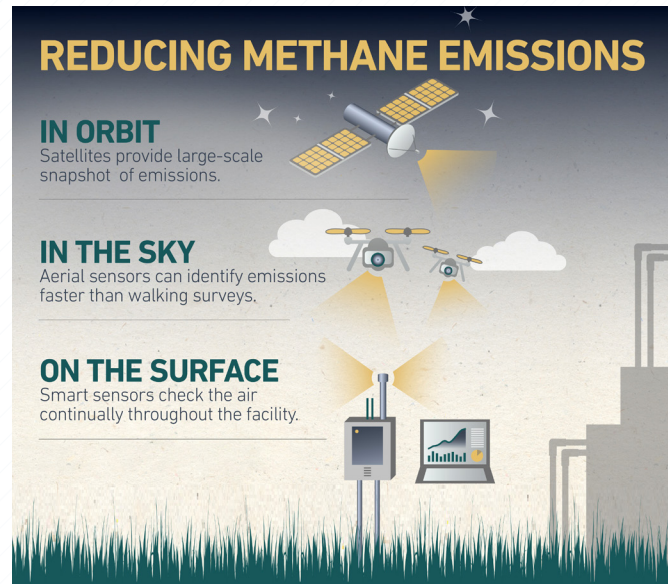
Advancements in Detecting and Measuring Emissions

TEP participants want to better understand, detect, and mitigate emissions. In addition to implementing robust leak detection and repair programs within their organizations, TEP members are exploring a variety of technologies to improve the monitoring, quantification, reporting and verification of emissions, and to expand the industry's knowledge of the sources and extent of methane emissions.

There are many emissions monitoring approaches, and the right option can vary across sectors with different types of assets. Detection methods use different technologies including laser absorption spectroscopy, optical gas imaging, and sensors. While continuing to implement established ground-based monitoring approaches, many TEP members also are incorporating aerial-based monitoring approaches with drones and airplanes and space-based monitoring through satellites. Additionally, companies are identifying ways that operational information can be used to predict, prevent, and report emissions sources more accurately.

In 2023, more than 60% of reported monitoring surveys were conducted voluntarily and aerial-based monitoring technologies were used on over 30% of sites surveyed. 45% of TEP members reported that they are incorporating continuous-monitoring technologies within portions of their operations.

These concerted efforts to find, fix and prevent leaks from occurring have resulted in a significant reduction in the annual leak occurrence rate reported by TEP members. In 2023, participants reported a leak occurrence rate of just 0.06%, or less than one component leaking in 1,000.



“As emissions detection technologies have evolved rapidly over the last couple of years, participating in The Partnership has provided Diamondback with a forum to discuss and share our continuous monitoring efforts. Engagement with our peers about the technologies and tools they are using to drive down emissions continues to help inform our own efforts to monitor and mitigate emissions from our operations.”

TREVOR GLEISNER
Supervisor Emissions Control
Diamondback Energy



Expansion to Liquid Pipeline Operations

In 2023, TEP launched two new liquid pipeline programs - *Maintenance & Integrity* and *Energy Efficiencies in Operations* - to drive best practices that reduce energy consumption and emissions and to prevent product releases to the environment. Liquid pipeline companies are integral in the supply chain, responsible for moving oil and natural gas from the wellhead through transportation infrastructure to get fuels and feedstocks to market.

With these programs, we welcomed new midstream companies and additional commitments from companies that already are TEP participants. These companies' actions build on TEP's collective knowledge base, and through their commitment to implement these new programs, the companies help add to broader industry progress in proactively improving environmental performance while delivering affordable, reliable energy around the world.



MAINTENANCE & INTEGRITY PROGRAM

More than

1,700

preventative maintenance activities completed for over 27,000 miles of liquid pipelines

Nearly

20,000

preventative maintenance activities completed for liquid pipeline-associated facilities

Over

10,000

miles of liquid pipeline inspected with inline inspection tools

ENERGY EFFICIENCIES IN OPERATIONS PROGRAM

More than

840

liquid pipeline-associated facilities applied or considered energy reduction methods

REPORTING COMPANIES



Learning

and Sharing Solutions Across Operators

TEP's learning principle has driven positive change and industry improvement since the partnership's launch. Our workshops and workgroups allow operators to convene, learn, and share valuable information about new strategies and technologies that participating companies are deploying to bring down emissions. Many of the unique challenges that individual operators face are, in fact, solvable when tackled together through open dialogue with industry peers.

Basin and Topic-Focused Workshops

In 2023, TEP held two in-person workshops – one in Denver and the other in Midland. These events brought together more than 100 people to further drive progress toward the shared goal of improving the industry's environmental performance by reducing methane emissions.

The Denver workshop targeted emissions measurement and monitoring solutions and included presentations from operator experts as well as key collaboration partners, Dan Zimmerle of Colorado State University and Dr. David Allen of the University of Texas. Attendees discussed emissions measurement initiatives, how to reconcile top-down and bottom-up measurements, and how companies are evaluating and implementing measurement and monitoring technologies within their operations.



The Permian workshop in September marked the sixth consecutive year of returning to Midland to bring together Permian Basin operators to tackle shared challenges and learn about new strategies and technologies to detect and drive down emissions.

The workshop covered tank design and operations solutions, emissions monitoring and metering technologies, emissions data management, and flare management, efficiency and reliability. Local operators shared their experiences and learnings through presentations and panel discussions as well as robust audience participation to promote and advance actions to reduce methane emissions.

Expanding Sharing Opportunities

To expand sharing opportunities within TEP, we launched an online resources repository in 2023 for participants to ensure broad availability of information and shared learning experiences generated through the program. The repository includes existing information and presentations contributed at TEP workshops, annual meetings and other sharing forums, sorted by emission sources and types of measurement technologies. This accessibility platform will ensure that companies, no matter when they join TEP, have the practices and information to accomplish accelerated emissions reductions in their operations.



Increasing Knowledge through Research and Analysis

Building on findings from our 2021-2022 aerial survey project and 2022 compressor study, we have initiated additional work on flare management and operations related to destruction efficiencies and their impact to reducing methane emissions. We also are analyzing company stack testing data to advance our understanding of emissions from compressor engines. TEP also is exploring industry practices to use operational parameters to identify and predict emission events.



“Taking an active role as chair of the Measurement & Monitoring Workgroup has been a great experience as it has allowed me to quickly immerse myself within a group of experts that are present specifically to collaborate. This workgroup has shared solutions and obstacles for both large and small operators, creating a forum for open discussion, brainstorming, and recommendations.”

KEVIN TURNER
Emissions Program Manager
Continental Resources



Industry Spotlight

Chevron Corporation

The next frontier – aiming to prevent emissions

When we think about methane emissions detection, we often think about the sensors that detect emissions in the atmosphere. But what about if we think about sensors that can look for signs that an emission might occur before it reached the atmosphere? That is the premise of Chevron's Realtime Autonomous Optimizer (RAO). RAO throttles back production when it detects upset conditions and resumes production when conditions allow. It also signals to a control room dashboard that prompts field teams to investigate and resolve issues.

Coupling sensors that measure pressure and level with analytics and production control automation required strong coordination across multiple functions, from instrumentation to asset development to IT. After the concept came together, a 2020–2021 pilot of the RAO technology showed an 80% decrease in flaring and venting upset volumes at sites and a 40% reduction in well shutdowns. After the pilot, we worked to scale the RAO technology across our unconventional assets in the Permian Basin.



— **Katelyn Maxwell**
Operations Superintendent
Chevron

“Thinking across silos opened up a new solution set, allowing us to use existing technology in a new way. This enables us to monitor for upset conditions with emissions potential, and allows our field partners to focus on the underlying root cause of any potential upset, so we can restore normal operating conditions faster.”

Collaborating

with Stakeholders to Drive Positive Change

At its launch, TEP came together around the concept that more can be accomplished through collective efforts. Collaborating with other stakeholders who share the goals of reducing emissions and improving environmental performance is key to furthering the ability to work together to identify and improve emissions-reducing solutions.

Compressor Engine Roundtable

In Fall 2022, TEP collaborated with its long-standing partner, Colorado State University (CSU), on a study in the Bakken and Permian basins to validate and better understand the sources of methane emissions from compressors and their drivers.

As a follow up to this study, TEP held a Compressor Engine Roundtable in Houston to discuss study findings and brainstorm step change-type solutions to reduce emissions from compressors.

The event was attended by more than 70 people and allowed operators and engine manufacturers, including Caterpillar and Waukesha, to come together to explore solutions.



“Caterpillar is always in the pursuit of solutions to help customers perform at their highest level while remaining committed to building a better world. Participating in events like TEP’s Compressor Engine Roundtable allows us to get firsthand feedback from operators using our equipment to drive real change to continuously improve the services and equipment we provide.”

RODNEY HARMS
Product Manager
Caterpillar Oil & Gas



ADED Protocol Workshop

In conjunction with the TEP Annual Meeting and Conference, CSU's METEC held an operator working session for inputs on revising the protocols for the Advancing Development of Emissions Detection (ADED) project, sponsored by the U.S. Department of Energy (DOE).

The half-day session focused on the first protocol: continuous monitoring solutions. TEP operators provided input to METEC on the essential metrics needed from continuous emission monitoring systems, as well as how to improve testing processes for the modified metrics used in continuous emission monitoring systems.



“CSU values our partnership with TEP, both TEP contributions to project cost share and TEP’s ability to convene multiple industry partners to discuss important issues. For example, this past year, we held a METEC workshop as part of TEP’s Annual Meeting and Conference to discuss how leak detection solutions should be tested and deployed. TEP convened a broader cross section of the industry than us contacting operators individually. This type of cooperation is instrumental getting the right inputs for this type of multi-stakeholder work.”

DAN ZIMMERLE
Director
METEC



METEC Sponsorship

The collaboration between TEP and CSU has been foundational to the program since its start. METEC has yielded a variety of studies and learnings to improve operational practices to continue driving down emissions.

Last year, TEP upped its commitment to this partnership by sponsoring “METEC 2.0”, a five-year expansion and operational plan to update METEC test facilities. This support helped METEC secure DOE funding to modernize its testing equipment and facilities – to perform controlled release testing in diverse environments (including midstream, offshore platforms, mobile capability) and expand its research abilities to onshore midstream and offshore facilities.



“Participating in TEP’s Tech Forum this past year gave us the opportunity to collaborate and learn from so many different operators. To be able to share the work that we’re doing to help companies produce oil and gas safely, efficiently, and sustainably, while also hearing about the other innovative technologies and tools being utilized is exactly the type of engagement needed to continue to drive progress.”

JENNIFER BLACKLEDGE
Business Development Manager
ChampionX



Annual Meeting, Conference and Tech Forum

TEP ended another productive year by hosting its 6th Annual Meeting and Conference in Houston. The event provided more than 175 attendees an opportunity to collaborate on important industry efforts and updates.

TEP operators and key industry stakeholders and partners shared their perspectives on our transitioning methane landscape - including developments in measurement technologies, operationalizing diverse methane detection practices to mitigate emissions, the regulatory outlook considering inter-related methane rulemakings, and more.

The annual TEP Tech Forum occurred in conjunction with the meetings. It featured exhibits from fourteen industry partners, providing an opportunity for attendees to engage with a range of companies that are working with industry to implement innovative technologies to reduce emissions.



2024

Acknowledgments

We would like to thank the dedicated individuals who contribute to The Environmental Partnership's core mission of sharing learnings, including external partners who presented during workshops and collaborated on research and studies in 2023. We look forward to the future as we continue to welcome new companies and industry collaboration.

NEW PARTICIPANTS



PARTNERS





"Ridgemar's commitment to operational excellence is a critical objective throughout the entire life cycle of our oil and gas assets. We look forward to contributing, leading, and accelerating emission improvement efforts, alongside other industry experts through The Environmental Partnership, that progress our world towards becoming a cleaner, safer, and better place to live for those in our communities today and for future generations."

MINA ELMANAK
COO
Ridgemar Energy





THE
ENVIRONMENTAL
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