

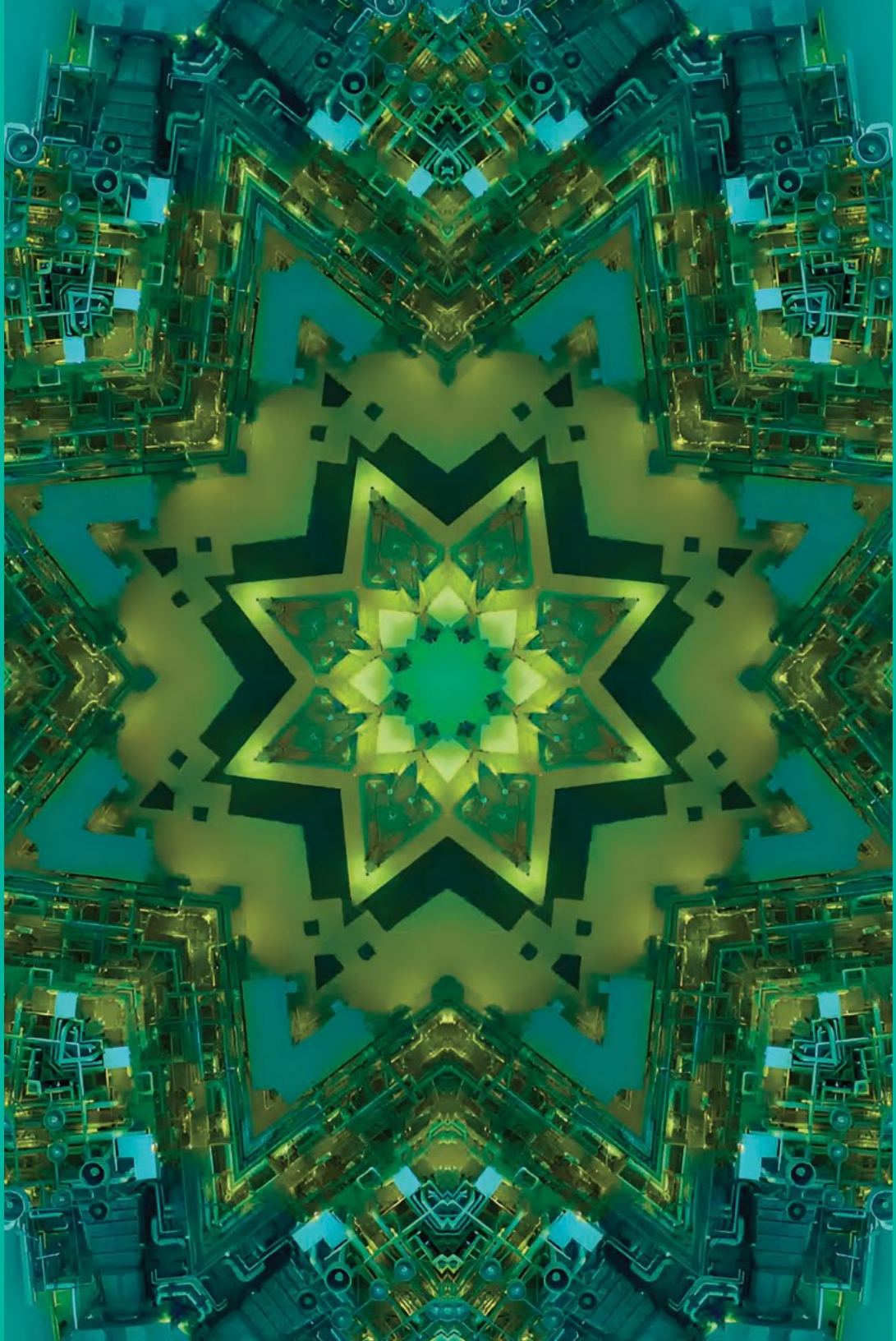
PROMISE.  
DELIVER.  
REPEAT.



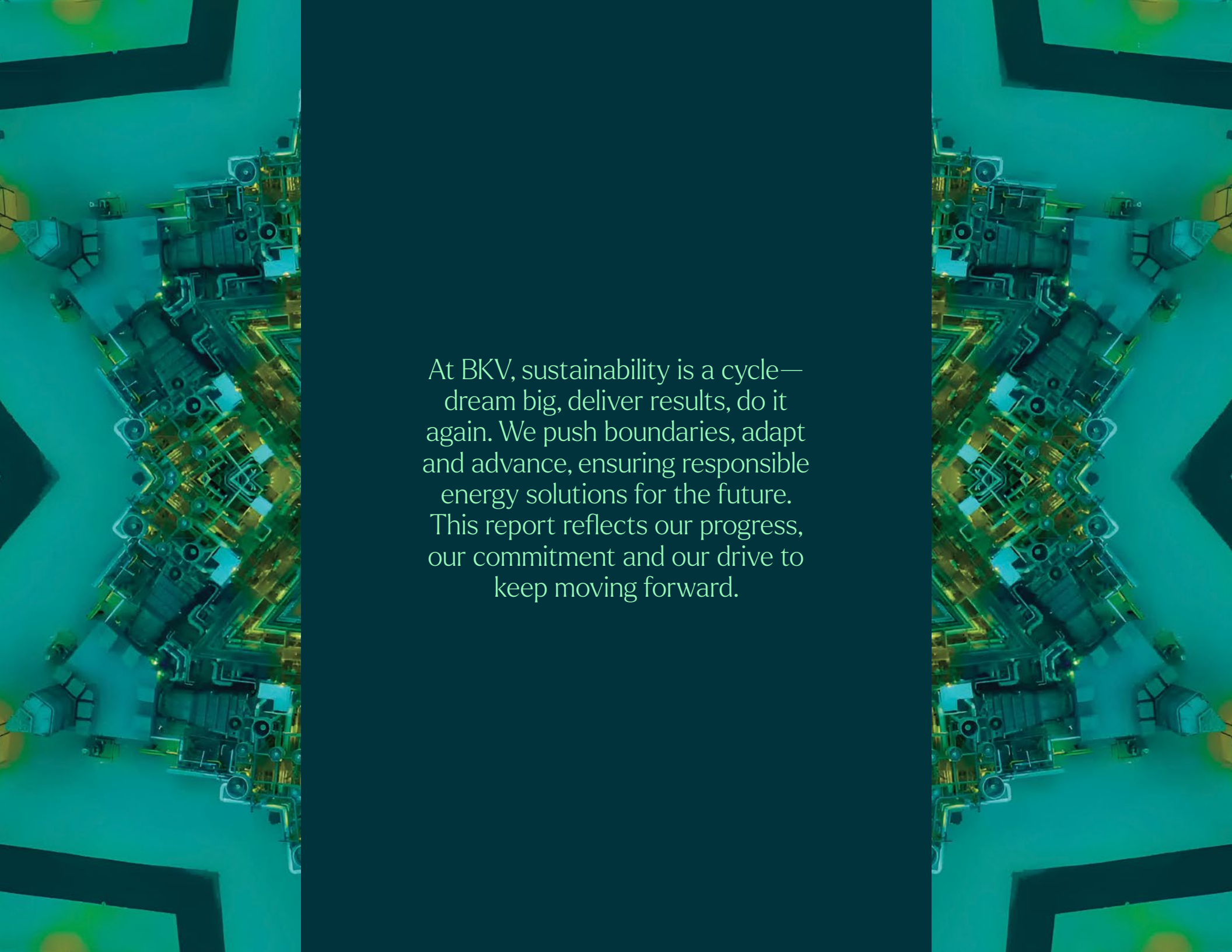
PROMISE.  
DELIVER.  
REPEAT.



PROMISE.  
DELIVER.  
REPEAT.







At BKV, sustainability is a cycle—  
dream big, deliver results, do it  
again. We push boundaries, adapt  
and advance, ensuring responsible  
energy solutions for the future.  
This report reflects our progress,  
our commitment and our drive to  
keep moving forward.

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EHSR & Sustainability

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# LEADERSHIP

REFLECT.  
LEAD.  
COMMIT.



REFLECT.  
LEAD.  
COMMIT.

## LEADERSHIP

A different kind of energy company, BKV is proving the viability of its closed-loop strategy through four business lines: natural gas upstream production; natural gas midstream; power generation; and carbon capture, utilization and sequestration (CCUS).

REFLECT.  
LEAD.  
COMMIT.



---

**“As a company consciously positioned to capitalize on the future, we’re preconditioned to look ahead with optimism, understanding the dedication it takes to get there.”**



## Promise, Delivered

As the relatively young Chief Executive Office (CEO) of a relatively young company, I can look back at our beginnings, see them clearly and say with confidence that BKV has always lived by its values. Not because we haven't been around long enough to stray off course, but because our values are the beating heart of our organization, far more than some list of lofty abstractions. And this is something I hear from people outside our organization.

Delivering on our Promises was a timely value for 2024, one relevant to this sustainability report. As the industry navigated unforeseen challenges—and continues to—we followed through, living up to our aspirations and responsibilities. Demonstrating this kind of commitment, particularly in a volatile environment, not only helps establish our credibility but fast-tracks it.

We mean what we say in a time when doing that is rare. There's no magic involved. We're simply hard-wired to set objectives and lay out a plan for achieving them. You can't extricate our success as a business from our goal of creating a more sustainable world. Each drives and reinforces the other.

## Going Public and Gaining Momentum

In September, we made our proud debut on the New York Stock Exchange as the world was taking notice of BKV, the largest natural gas producer in the Barnett Shale, and, as we call ourselves, a "new kind of energy company," with an actionable path to net zero Scope 1, 2 and 3 emissions from our operated<sup>1</sup> upstream and natural gas midstream businesses. Obviously, going public creates transformational opportunities to fuel the engines of our forward progress.

A different kind of energy company, BKV is proving the viability of its closed-loop strategy through four business lines: natural gas upstream production; natural gas midstream; power generation; and CCUS.

Our Barnett Zero project, in commercial operation since November 2023, featured one of the first Class II underground injection control (UIC) wells purpose-built for carbon capture and sequestration (CCS) in the country. This made BKV among the first companies in the U.S. to receive the enhanced Section 45Q tax credits provided under the 2022 Inflation Reduction Act for the injection of carbon dioxide (CO<sub>2</sub>) waste into a purpose-drilled Class II UIC well.<sup>1</sup> In 2024, Barnett Zero achieved 97% reliability, injecting approximately 173,325 metric tons of CO<sub>2</sub> waste from startup through December 31, 2024.

<sup>1</sup> BKV has historically discussed emissions and net zero ambitions for "owned and operated" assets. To remove potential confusion between equity reporting versus operated reporting of emissions, the language in this report has been changed to operated. This change reflects our approach of reporting emissions from operated, controlled assets at 100% of their emissions, as presented throughout this report and in the Appendix, unless otherwise noted.



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**Our Pad of the Future (POTF) program has reduced our estimated annual GHG emissions by 659,000 metric tons of carbon dioxide equivalent (CO<sub>2</sub>e), including approximately 139,000 metric tons eliminated in 2024 alone.**



With new CCUS projects lining up, BKV anticipates achieving our near-term and long-term net-zero goals.

### Energy You Can Feel Good About

As a business, we're uniquely structured to leverage those CCUS capabilities and the natural gas we combust in the power plants owned by our Power Joint Venture. Between its two combined-cycle facilities in Temple, Texas, the average capacity factor in 2024 was 57%, with a total generation of 7,360 gigawatt hours. Just in time for the Electric Reliability Council of Texas' (ERCOT) ramped-up demand due to data centers, generative Artificial Intelligence (AI) and other electrification trends.

In March 2024, we signed our first contract for Carbon Sequestered Gas (CSG) with Kiewit Infrastructure South Co. Exclusive to BKV, CSG is a Scope 1, 2 and 3 carbon-neutral natural gas product that we expect to achieve by bundling

our natural gas with carbon credits sufficient to offset the estimated emissions associated with the production, gathering, boosting, transmission, distribution and ultimate combustion of such gas, with the quantified emissions and the requisite volume of CCUS offsets being third-party certified.

We expect CSG to be locally produced and feature third-party blockchain verification of emissions and CCUS offsets for companies seeking a transparent means of reducing their carbon footprint and environmental impact.

Primarily targeting methane, a more potent greenhouse gas (GHG), our POTF program continues to advance the cause upstream. Since its commencement in 2021, this program has reduced our estimated annual GHG emissions by approximately 659,000 metric tons of CO<sub>2</sub>e, including approximately 139,000 metric tons eliminated in 2024 alone.

### Success is Sustainable. And Vice Versa.

As a company consciously positioned to capitalize on the future, we're preconditioned to look ahead with optimism, understanding the dedication it takes to get there. It affects our culture, the people we hire, how we interact with our communities and the respect we have for each other and for the planet.

Great people do great things. I credit BKV's success to some of the best people I've ever known: employees, investors and partners. Thank you all. You really delivered.

Sincerely,



Chris Kalnin, CEO  
BKV Corporation



---

**After 2024, methane  
will no longer be our  
primary source of  
GHG emissions.**

### **Dear Stakeholders,**

Lofty aspirations mean nothing without tangible results.

It's the first sentence of one of BKV's guiding values. And in 2024, we clearly demonstrated how we bridge the distance between aspirations and results. Fittingly, the fourth edition of our annual Sustainability Report is dedicated to how we deliver on our promises. As part of an organization that walks the walk, I'd like to take this opportunity to survey the distance we've come together.

First things first: throughout the year, our Environmental, Health, Safety and Regulatory (EHSR) and Sustainability Department teams have kept a rigorous pace during this ongoing



journey, transforming commitments into measurable outcomes. I'm proud of their relentless dedication and exemplary leadership, which have driven meaningful change, showing that accountability is at the heart of BKV's operational philosophy.

I also want to acknowledge our operations team and the steady progress they've made in embracing our sustainability goals. Results on the ground serve as a testament to their hard work and unwavering resolve.

One example of this collective dedication has been our continued success in emissions reduction. Our POTF program, which focuses on retrofitting mature upstream assets with upgrades like pneumatic conversion and electrification, has achieved a

substantial year-over-year reduction in BKV's Scope 1 emissions. These results underscore our belief that responsible stewardship of existing assets is as vital as pioneering new ventures and technologies.

This approach requires extensive effort and meticulous management, but the results have justified our investment in upgrading acquired assets. Our progress has been so significant that, after 2024, methane will no longer represent our largest source of GHG emissions. While we will continue to strategically target methane emitting sources at our operations, decarbonization initiatives related to our Scope 1 and Scope 2 emissions will increasingly focus on CO<sub>2</sub> and other GHG emissions as we pursue our net-zero goals.

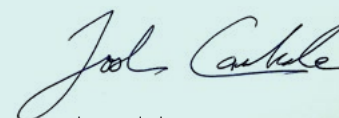
Our commitment to decarbonization and our net-zero goals, namely via CCS, our POTF program and our leak detection and repair programs, remains solid. We recognize that the path to a sustainable future is ongoing, and our pursuit of innovative solutions is as relentless as ever. It's a story that we believe resonates with investors and stakeholders alike, as evidenced by our successful IPO last fall. It's one of many reasons our sustainability strategy remains at the forefront of our corporate commitments.

While we celebrate the momentum of our success, challenges remain in the journey ahead. For example, we have doubled our resolve to prevent major hazards and enhance safety measures because protecting our people and communities is a non-negotiable priority.

In this report, you'll see a lot of numbers. More than just benchmarks of our progress, they represent our capacity to deliver on our promises and to lead by example in the global effort to combat climate change. And an inspiration to keep moving forward.

Let's continue to aspire and meet the expectations we set. We're in this together. And together, there are no limits to where we can go.

Sincerely,



Josh Carlisle, Senior Director  
EHSR and Sustainability

# OVERVIEW



DEFINE.  
DRIVE.  
EXECUTE.





DEFINE.  
DRIVE.  
EXECUTE.

## OVERVIEW

We're laying the groundwork for sustainable energy with discipline, oversight and a strategy built to last. By defining our priorities, driving execution and holding ourselves accountable, we're building a business designed for long-term impact.

DEFINE.  
DRIVE.  
EXECUTE.



---

**We are a team of innovators passionate about how the energy industry can change the world. We believe producing low-impact, sustainable energy is more than a good idea, it's good business.**

## About Us



Headquartered in Denver, Colorado, BKV Corporation (NYSE: BKV) is a public, forward-thinking, growth-driven energy company focused on creating value for our stockholders through the organic development of our properties as well as accretive acquisitions. While BKV's core business is to produce natural gas from our operated upstream businesses, we aspire to achieve a "closed-loop" approach with our four business lines:

- Natural Gas Upstream Production
- Natural Gas Midstream
- Power Generation
- CCUS

Founded in 2015, BKV has approximately 366 employees who are committed to building a new kind of energy company. BKV is one of the top 20 gas-weighted natural gas producers in the United States, a top 10 gas producer in Texas and the largest producer in the Barnett.

BKV Corporation is the parent company of the BKV family of companies.



## Driving Sustainable Change



### **Natural Gas Upstream Production:**

We are engaged in the acquisition, operation and development of natural gas and natural gas liquids (NGL) properties primarily located in the Barnett and in Northeast Pennsylvania (NEPA). As of December 31, 2024, our total acreage position was approximately 481,000 net acres, substantially all of which was held by production.



**Natural Gas Midstream:** Through our ownership in midstream systems, we are engaged in the gathering, processing and transportation of natural gas that supports our upstream assets and third-party producers in the Barnett and NEPA. Our midstream assets improve our overall corporate returns by enhancing our margins and lowering our break-even operating costs while allowing us to manage the timing, development and optimization of production of our upstream assets.



**Power Generation<sup>1</sup>:** We hold 50% ownership in the BKV-BPP Power Joint Venture, which operates the Temple I and II combined-cycle gas power plants in Temple, Texas. Together, these efficient plants have a total generation capacity of approximately 1,500 MW. Serving the ERCOT power market, they are designed for peak performance during high-demand periods, positioning us to meet the expected surge in AI- and data center-driven demand in ERCOT.

In 2023, the Joint Venture also launched BKV Energy, a retail electricity provider now serving over 55,000 customers and licensed to serve throughout the deregulated portions of Texas. We expect our power generation and retail marketing businesses will be synergistic with our upstream operations.



**Carbon Capture, Utilization and Sequestration (CCUS):** We are focused on reducing man-made GHG emissions to the atmosphere by capturing CO<sub>2</sub> emitted in connection with natural gas processing and certain other industrial activities, whether from our own operations or third-party operations, as well as from other energy and industrial sources. Our process involves capturing CO<sub>2</sub> before it is released into the atmosphere and then compressing the captured CO<sub>2</sub> and transporting it via pipeline to sites where it can be injected into Underground Injection Control UIC wells for secure geologic sequestration.

As part of our approach to our net-zero emissions goals, we expect to apply a portion of the CO<sub>2</sub> emissions that are sequestered through our CCUS business to offset GHG emissions from our operated upstream and natural gas midstream businesses.

<sup>1</sup> Environmental and safety data related to our Power Generation operations are not included in this report.

## Track Record of Consistent & Accretive Acquisitions/Partnerships:

Strategic Marcellus entry provided foundation for Barnett, power generation

### February 2016

BKV announces acquisition of non-operated Bradford County Marcellus properties from Range Resources for \$112MM

Range Resources



### January 2017

BKV announces acquisition of Marcellus assets from Chief Oil & Gas for \$63MM

Chief Oil & Gas, LLC



### March & May 2017

BKV announces acquisition of assets from Tug Hill and LSB Industries for ~\$16MM each

Tug Hill  
LSB Industries



### October 2017

BKV announces acquisition of Marcellus assets from Carrizo Oil & Gas and Reliance Industries for \$210MM

Carrizo Oil & Gas  
Reliance Industries



### December 2017

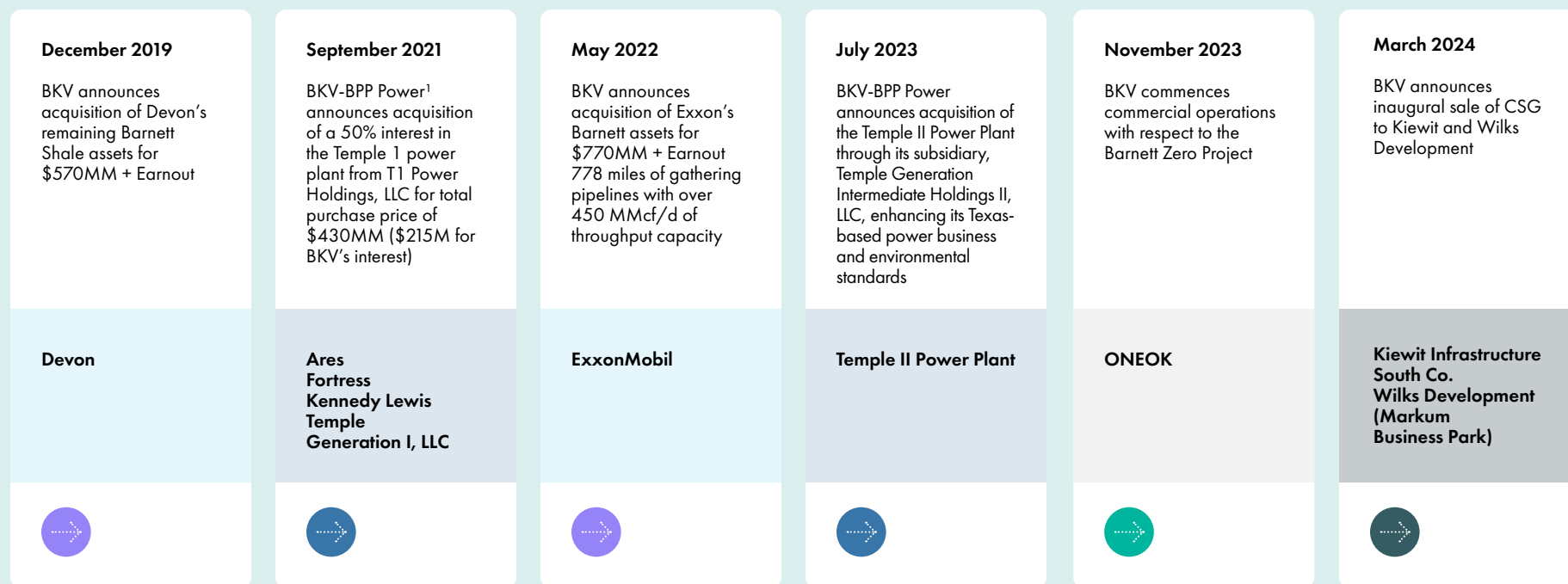
BKV announces acquisition of Pennsylvania Marcellus assets from Warren Resources for \$105MM

Warren Resources



■ Natural Gas 
 ■ Power 
 ■ CCUS 
 ■ CSG





■ Natural Gas
 ■ Power
 ■ CCUS
 ■ CSG

Note: Dates represent PSA signing. Only showing major transactions. BKV has completed a total of 19 acquisitions and entered into two CCUS partnerships.

<sup>1</sup> BKV-BPP Power is a joint venture owned 50% by BKV and 50% by BPPUS, a wholly owned subsidiary of Banpu Power.

## 2024 Key Performance Highlights

### Environment

- Decreased 2024 Scope 1 and 2 emissions from our operated upstream and midstream businesses by approximately 38% from 2023, bringing us closer to our net-zero target.
- Successfully and safely operated our inaugural CCS project, Barnett Zero, for over one year, sequestering approximately 165,000 metric tons of CO<sub>2</sub>e in 2024 and achieving life-to-date sequestration of approximately 173,325 metric tons of CO<sub>2</sub>e through December 31, 2024.
- In 2024, in connection with our POTF Program, our transition to compressed air systems for natural gas-powered pneumatics contributed to the elimination of an estimated 139,000 metric tons of CO<sub>2</sub>e from our annual Scope 1 emissions.
- Achieved production output meeting the stringent low methane intensity standard of 0.2%, aligning with industry-leading low-emissions benchmarks.

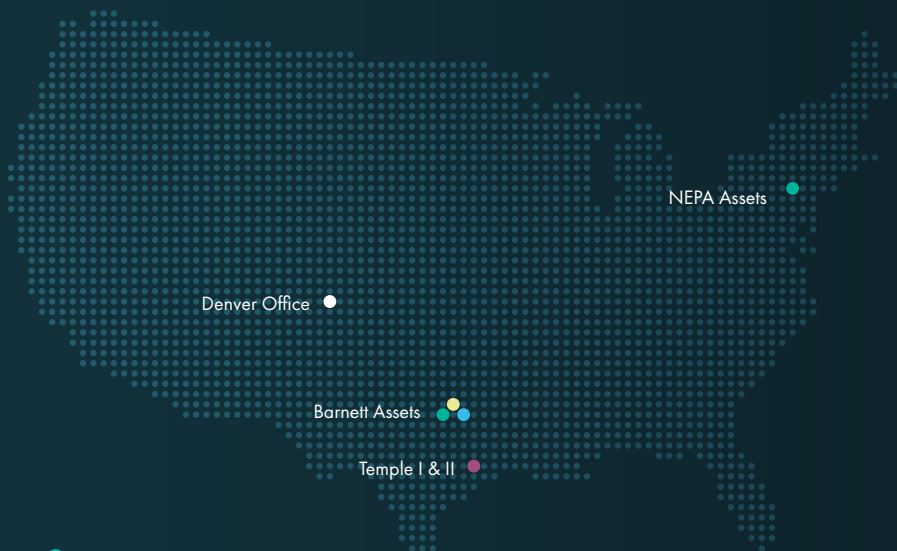
### Social

- Introduced the Safety Accolades for Excellence (S.A.F.E.) program, recognizing 50 employees for safety leadership and engagement.
- Enhanced our safety program by expanding hands-on training, conducting targeted hazard assessments and improving access to personal protective equipment (PPE).
- Filled 37% of open positions through internal promotions, supporting employee growth and career development.
- Contributed over \$160,000 in social investments to support our local communities, while our employees dedicated over 500 hours of community service.

### Governance

- Completed our Initial Public Offering (IPO); BKV common stock began trading on NYSE on September 26, 2024.
- Refreshed our Materiality Assessment, reinforcing sustainability priorities with business objectives.
- Strengthened collaboration between our EHSR, Operations and IT teams to drive cross-functional innovation.

## Overview of BKV Assets



● Natural Gas Upstream

● Power

● CCUS

● Midstream

1 Production metrics take the daily average of Jan-Dec. 2024.

2 Reserves and associated PV-10 calculated based on 12/31/2024 NYMEX strip. Based on reserve reports prepared by Ryder Scott Company.

3 Represents our own gross production volumes gathered and processed on our Barnett midstream system and excludes third-party volumes gathered and processed on our Barnett midstream system.

4 Relates to estimated Scope 1 and Scope 2 emissions from BKV's owned and operated upstream and midstream businesses as of 12/31/2024.

5 Estimates based on Final Investment Decision (FID) reached in June and October 2022 for Barnett Zero and Cotton Cove, respectively, and in December 2024 for Eagle Ford.

6 Project timelines are forecasted / goals.

### ● Natural Gas Upstream

	Twelve Months Ended Dec. 2024 Avg. Net Production MMcf/d <sup>1</sup>	Dec '24 NYMEX 1P Reserves Tcfe <sup>2</sup>	As of Dec. 2024 Net Acres
Total	788	4.9	480,907

### ● Operated Midstream

	Twelve Months Ended Dec. 2024 Throughput MMcf/d <sup>3</sup>	Pipeline Miles	Midstream Compressors
Barnett	188	778	65

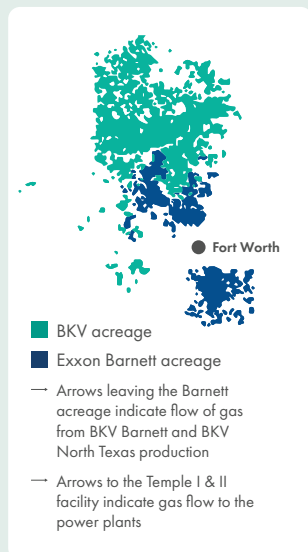
### ● CCUS

	Forecasted Annual Sequestration Volumes MTCO <sub>2</sub>	% of Forecasted Annual Upstream and Midstream Emission Reductions <sup>4</sup>	Initial Injection
Barnett Zero <sup>5</sup>	183K	9%	Q4 2023
Cotton Cove <sup>5</sup>	32K	2%	1H 2026 <sup>6</sup>
Eagle Ford <sup>5</sup>	90K	5%	Q1 2026 <sup>6</sup>

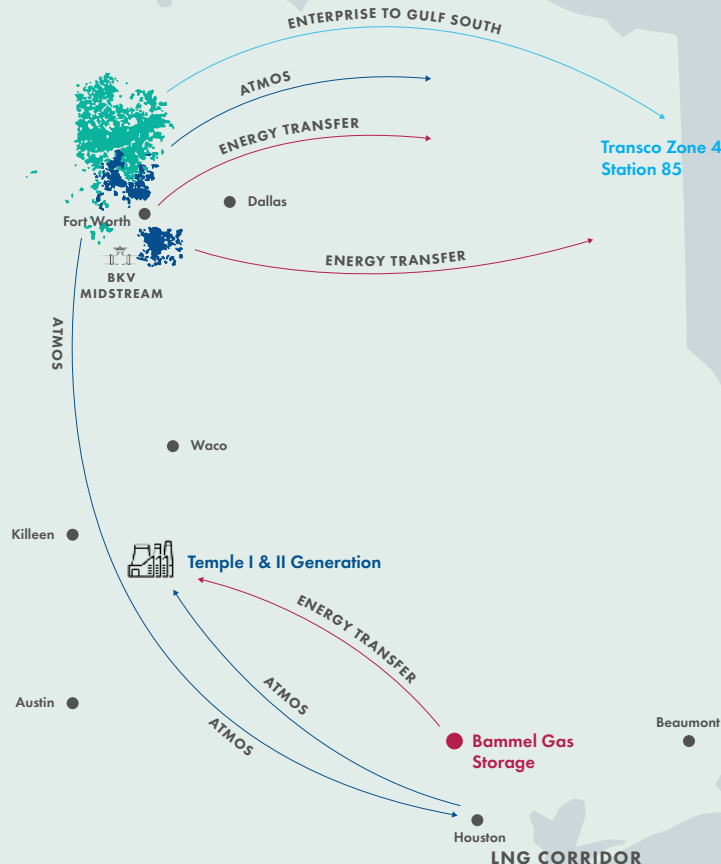
### ● Power

	Location	Heat Rate Btu/kWh	Capacity MW+
Temple I	Bell County, TX	6,904	752
Temple II	Bell County, TX	6,950	747





# TEXAS



## A Highly Efficient Operational Footprint

### Texas Barnett Shale<sup>1</sup>

Situated approximately 300 miles from major Gulf Coast industrial centers and LNG export markets, the Barnett Shale has a diversified production stream of natural gas and natural gas liquids and condensates.

Location: Denton, Johnson, Parker, Tarrant and Wise counties primarily, as well as small positions in Jack, Ellis, Erath and Hood counties

Net Acreage: 462,000 +/-

Producing Wells: 6,614<sup>2</sup>

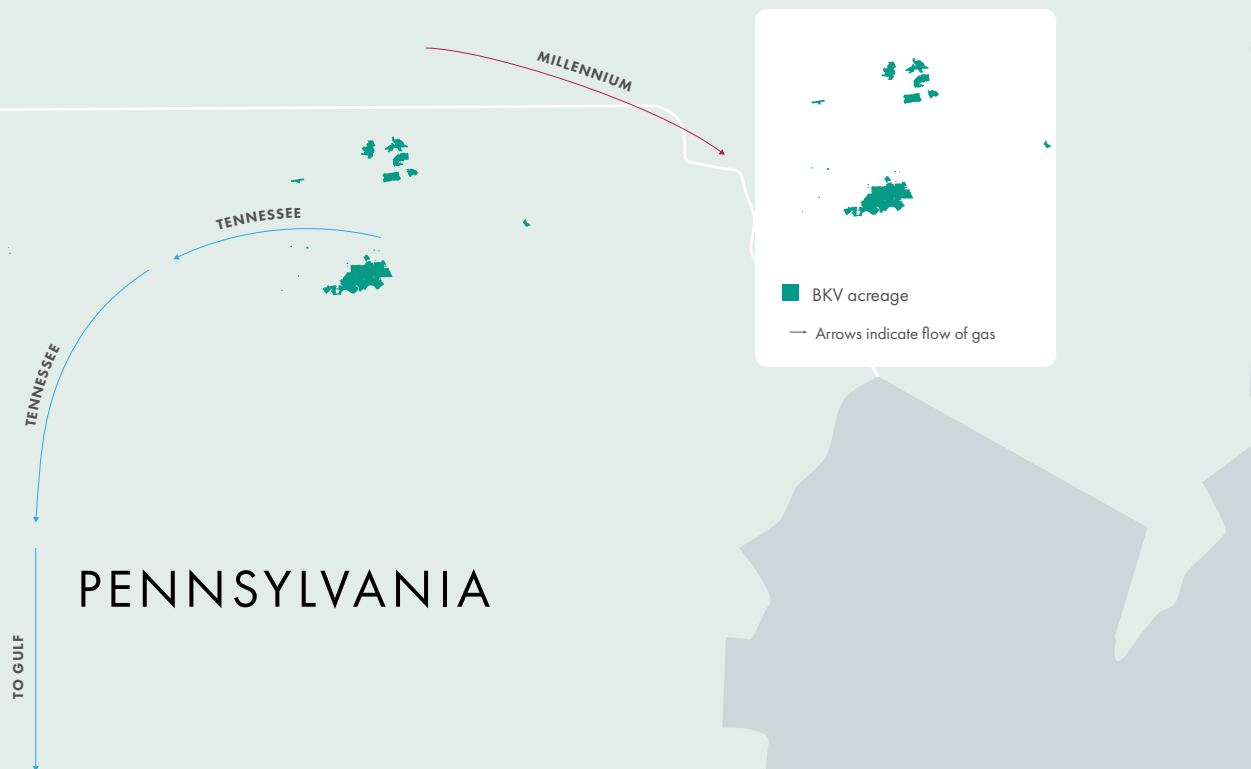
Average Daily Production: 671 MMcf/d

Gas Gathering Pipelines: 778 miles

Midstream Compression Stations: 16

<sup>1</sup> All data as of December 31, 2024.

<sup>2</sup> Includes producing wells in which BKV has an OORI or Non-Operated Interest.



### Pennsylvania Northeast Marcellus<sup>1</sup>

The Marcellus Shale is composed predominantly of organically rich shale and is acknowledged as one of North America's largest and richest sources of natural gas.

Locations: Bradford, Susquehanna and Wyoming counties

Net Acreage: 19,000 +/-

Producing Wells: 414<sup>2</sup>

Average Daily Production: 117 MMcfe/d

Gas Gathering Pipelines: 15.4 miles

Freshwater Distribution Pipelines: 14 miles

Gas Compression Units: 6

<sup>1</sup> All data as of December 31, 2024 without adjustment for the Q2 2024 dispositions by BKV of certain non-operated upstream assets, including its interest in approximately 16,600 net acres, 330 gross (29.6 net) wells and 147 Bcfe of proved reserves in NEPA.

<sup>2</sup> Includes producing wells in which BKV has an OORI or Non-Operated Interest.

# Mission, Vision & Values

**Our mission is to lead the energy industry toward the safe and profitable production of net-zero natural gas.**

Founded in 2015, BKV Corporation (BKV) was built on a simple yet powerful belief that meeting the world's growing energy demand while caring for the planet would require a new kind of energy company. Today, as a publicly traded energy company, we are relentlessly pursuing our goal of achieving net zero Scope 1 and 2 emissions from our operated upstream and natural gas midstream businesses by the early 2030s, and net zero Scope 1, 2 and 3 emissions by the late 2030s.

Since our founding, we have focused on hiring smart individuals driven by a shared passion for advancing the production of sustainable energy and being a force for good in our society. Today, we are focused on operating with the highest level of integrity to challenge the status quo and take smart risks to deliver energy to the community.

## VISION

To think even bigger.  
To execute even more  
brilliantly.  
To push technology to  
the absolute limit.  
To change the world  
and transform the  
energy industry.  
To be a force for good  
in society.





## About this Report

Since launching our sustainability program in 2021, we have achieved significant growth and made meaningful progress in advancing sustainability across our business functions. Now in our fourth year of sustainability reporting, we remain committed to driving towards our goals and targets and sharing progress updates with our stakeholders annually.

Our annual sustainability report reflects our dedication to operational excellence, responsible growth, innovation and continuous learning. We align our disclosures with leading sustainability frameworks, including the Sustainability Accounting Standards Board (SASB) and the

Global Reporting Initiative (GRI). Specific metrics related to these frameworks can be found in the Appendix of this report. Additionally, we have aligned our climate-related disclosures with the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD).

Data reflected in this report accounts for January 1, 2024, through December 31, 2024, unless noted otherwise.





# Materiality<sup>1</sup> Assessment

**For 2024, we refreshed our first materiality assessment, incorporating insights from internal and external stakeholders to identify key sustainability priorities impacting our business.**

An analysis of the results led to the buildout of a meaningful and robust program, including goals and commitments, that were discussed in detail in our prior reports. To align with evolving company objectives and industry best practices, we regularly revisit and refresh this assessment.

As such, for 2024, we engaged FTI Consulting, an independent third-party consulting group, to facilitate an impartial and confidential refresh of our materiality assessment. Building on our 2021 findings, we evaluated a broad range of sustainability topics, considering our evolving business activities and benchmarking against leading sustainability frameworks, including the Sustainability Accounting Standards Board (SASB) and the Global Reporting Initiative (GRI).

The assessment process included a combination of stakeholder interviews and a formal survey distributed to key internal and external stakeholders:

- Internal engagement spanned cross-functional sustainability experts, with in-depth interviews conducted to further validate material topics.
- External engagement included surveys with community leaders, trade associations, non-governmental organizations (NGOs) and our controlling stockholder, Banpu Public Company Limited (Banpu). Many of these stakeholders have deep, industry-related sustainability expertise and their insights were critical in prioritizing key issues to strengthen our sustainability strategy and programs.

<sup>1</sup> References to “materiality” in this report refer to ESG-related materiality, and not to materiality as defined for purposes of financial reporting with the U.S. Securities and Exchange Commission (SEC).

## Top Materiality Topics



Asset Integrity



CCUS

Emergency Preparedness  
and Response

GHG Emissions



Government Relations



Business Ethics



Employee Welfare

Employee Health  
and Safety

Insights gathered from the analysis informed the identification and prioritization of material topics, leading to the development of a robust sustainability program with clear goals and commitments, which are detailed throughout this report. The eight most material topics identified through the 2024 assessment are outlined to the left.

This materiality assessment also serves as a mechanism to help our Board of Directors and executive leadership team monitor and manage the sustainability issues most impactful to our business and stakeholders. It informs our sustainability strategy and supports transparent disclosure of relevant metrics. Sustainability priorities are reviewed regularly by leadership as part of the Board's governance responsibilities.

# Sustainability Oversight

**Our governance structure is designed to provide rigorous oversight of sustainability matters, including emerging risks and opportunities.**

At the core of this structure is BKV's Board of Directors, composed of diverse and experienced professionals who are committed to advancing our emission reduction and energy impact goals. The Board meets regularly to review company performance and provide strategic guidance on material sustainability issues. Since September 2024, the Board's Nominations & Governance Committee has also received biannual updates from the Senior Director of EHSR and Sustainability.

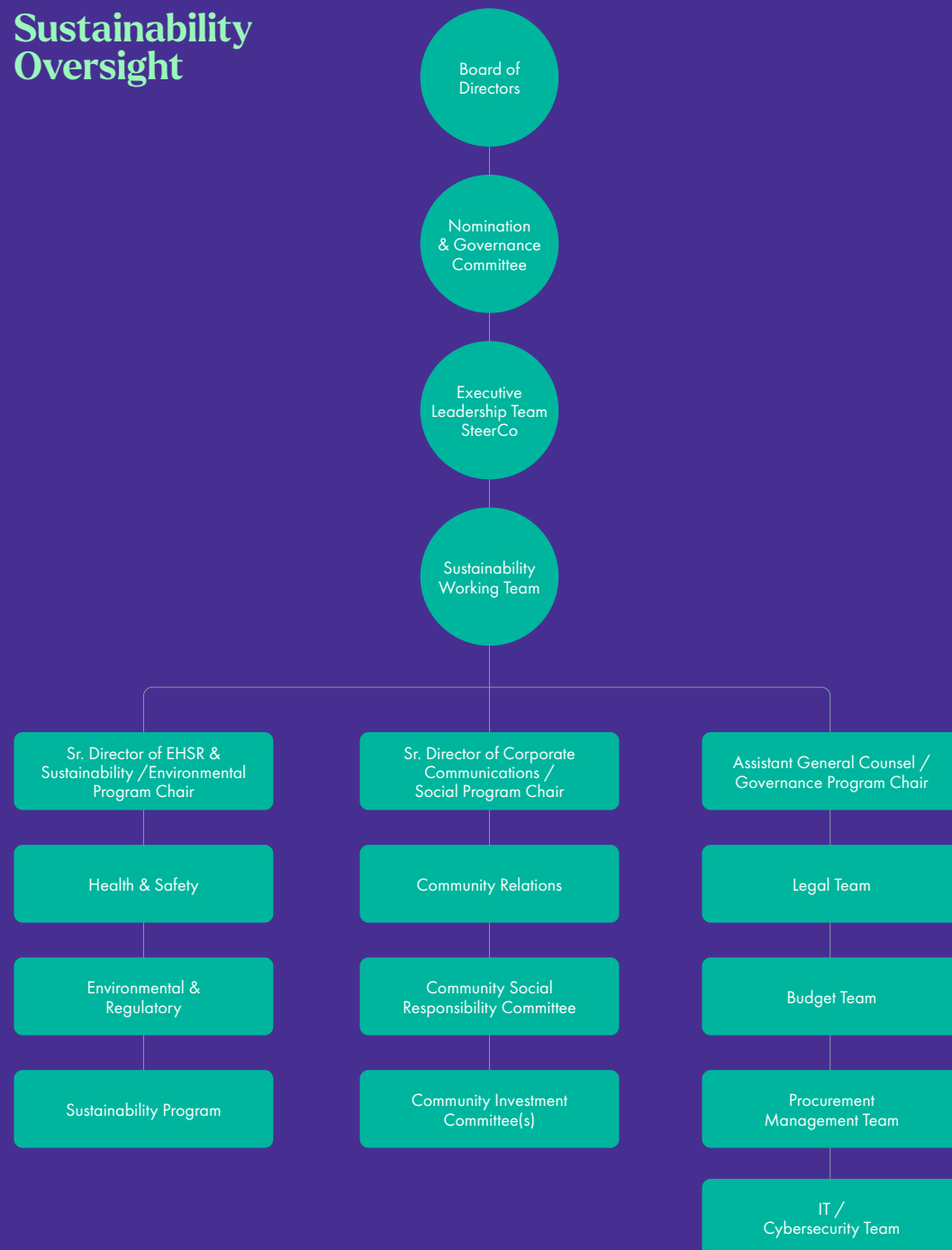
At the executive level, our EHSR and sustainability programs are overseen by the CEO and the President, Upstream, who meet regularly to review and discuss EHSR updates and associated risks and opportunities. The Senior Director of EHSR and

Sustainability reports directly to the President, Upstream while maintaining direct access to executive leadership.

Supporting this structure is our cross-functional ESG Working Team, comprised of BKV leaders from across the organization specializing in sustainability strategy. This team meets at least quarterly to identify, assess and implement key initiatives; track progress; and stay responsive to evolving sustainability expectations and requirements.



## Sustainability Oversight



In 2024, following our transition to a public company, BKV began implementing changes to our organizational structure, including updates to several leadership titles. The titles presented to the left reflect updates as of July 2025. Organizational changes are expected to continue through the remainder of 2025.

We also maintain a Risk Management Committee composed of cross-functional representatives from Operations, Legal, Finance, Investor Relations, IT, HR, Security, Marketing and Environmental Compliance. The Committee meets quarterly to review emerging risks, including environmental, social and governance performance and climate-related risks, to ensure that appropriate mitigation strategies are in place. The Committee provides regular updates to both the executive leadership team and the Board of Directors.

## ENVIRONMENT



REDUCE.  
RESTORE.  
RENEW.

# REDUCE. RESTORE. RENEW.

## ENVIRONMENT

Our evolving cycle returns value to our planet and our business. We're working to reduce our environmental footprint and restore our ecosystems, all while renewing our commitment to a sustainable future. This dedication to environmental accountability is a catalyst for growth, resilience and lasting impact.

# REDUCE. RESTORE. RENEW.



An aerial photograph showing an industrial facility, possibly a power plant or refinery, situated in a rural area. The facility consists of several large, rectangular structures with flat roofs, surrounded by paved areas and some smaller buildings. The facility is bordered by lush green fields on the left and a dense forest of tall trees on the right. In the background, more green fields and some distant buildings are visible under a clear sky.

**We recognize that environmental accountability is not just a compliance obligation but a strategic driver of growth, profitability and long-term resilience in the global energy transition.**



## Our Approach to Environmental Management



In a rapidly evolving landscape—marked by regulatory adjustments, shifting political dynamics and stakeholder sentiments—we remain steadfast in our commitment to environmental leadership. While some may choose to slow their sustainability efforts, we have accelerated ours. We recognize that environmental accountability is not just a compliance obligation but a strategic driver of growth, profitability and long-term resilience in the global energy transition.

2024 was a year of measurable progress and bold exploration. We doubled down on investments in emissions reduction, digital innovation and operational excellence. We achieved significant reductions in GHG emissions while positioning ourselves for

future growth and innovation. Our 2024 progress is based on two critical areas of focus:

- **Prioritizing Net-Zero Goals:**

We continued to advance our POTF program, which drove significant emissions reductions and enabled BKV to achieve a low methane intensity rate. Additionally, Barnett Zero has successfully operated for over a year, resulting in the permanent sequestration of approximately 173,325 metric tons of CO<sub>2</sub>e equivalent through the end of 2024.

- **Enhancing Environmental Management Systems (EMSs):**

We are excited to embark on a multi-year transformation to advance our EMS by expanding investments in both technology solutions and our team's capabilities. In 2024, we deepened the collaboration between our EHSR, Operations and IT teams, empowering them to evaluate, test and seamlessly integrate new processes and innovations to drive industry-leading performance. By continuing to implement programs to align with global benchmarks like ISO 14001, we are not just enhancing sustainability; we are building a resilient, transformative framework that sets a new standard for excellence.

## On Track to Net Zero. Backed by Results.

Our net-zero goals remain a cornerstone of our business strategy. We aim to achieve net zero Scope 1 and 2 emissions from our operated upstream and natural gas midstream businesses by the early 2030s and net zero Scope 1, 2 and 3 emissions by the late 2030s.

We conducted an initial assessment of our annual Scope 1 and 2 emissions from our operated upstream and natural gas midstream businesses as of December 31, 2021, and then updated our 2021 emissions assessment for the upstream and natural gas midstream businesses acquired through the Exxon Barnett Acquisition in 2022 to establish an emissions baseline for the annual Scope 1 and 2 emissions from our operated upstream and natural gas midstream businesses as of December 31, 2021. Effective as of 2024, the

Company calculates its reported Scope 1 and 2 emissions using the AR5 Global Warming Potentials, similar to those used by the EPA. The AR5 Global Warming Potentials supersede the AR4 Global Warming Potentials applied in prior periods. As a result, our reported Scope 1 CO<sub>2</sub>e emissions attributed to methane-intensive activities increased, while nitrous-oxide-driven totals decreased, independent of any operational change. Our emissions assessments did not address our GHG emissions from our other business operations, namely our JV CCUS and power generation businesses. Our Scope 1 and 2 emissions from our operated upstream and natural gas midstream businesses include what we describe as GHG-Plus sources. GHG-Plus sources include GHGRP sources required for inclusion in EPA reporting as well as additional sources

not typically required by EPA but relevant to state regulatory reporting in Pennsylvania and additional sources of identified emissions that fall outside of normal operating conditions.

Applying the AR5 factors and including such additional sources, we estimate that our Scope 1 annual emissions from our operated upstream and natural gas midstream businesses were approximately 2.81 Mtpy CO<sub>2</sub>e as of December 31, 2021, 2.15 Mtpy CO<sub>2</sub>e as of December 31, 2022 and 1.66 Mtpy CO<sub>2</sub>e as of December 31, 2023. In 2024, our operated upstream and midstream Scope 1 GHG-Plus annual emissions were approximately 1.03 million metric tons CO<sub>2</sub>e, marking a 38% decrease from 2023 and bringing us closer to our net-zero goals. Our Scope 1 and 2 annual emissions from our operated upstream and natural

gas midstream businesses totaled approximately 1.04 million metric tons CO<sub>2</sub>e, representing a 63% reduction from our 2021 Scope 1 and 2 restated emissions baseline of 2.83 million metric tons CO<sub>2</sub>e.

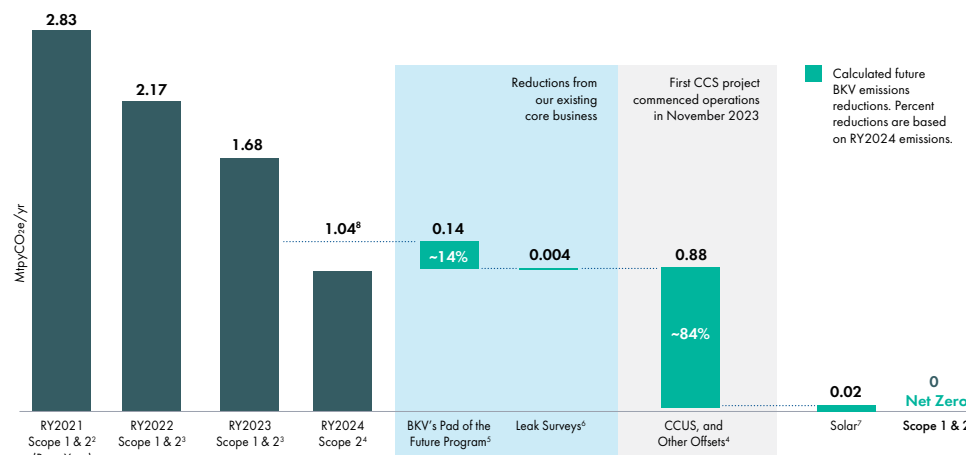
In 2024, our methane elimination initiatives, primarily through our POTF program, delivered significant returns on investment, driving meaningful reductions in GHG emissions and progress on our net-zero goals. Our combined operated production output meets the stringent low methane intensity standard of 0.2%, lower than the current average methane intensity for U.S. natural gas production.<sup>1</sup> While regulatory reporting requirements continue to change and pose uncertainty, we remain committed to taking action and backing up our commitments with measurable progress.

<sup>1</sup> S&P Global Commodity Insights

We are proud to report that we made progress in the reduction of our annual Scope 1 and 2 emissions from our operated upstream and natural gas midstream business since 2021. We estimate that our Scope 1 and 2 annual emissions from our operated upstream and natural gas midstream businesses were approximately 1.04 million metric tons CO<sub>2</sub>e, which reflects a reduction of approximately 1.8 million metric tons CO<sub>2</sub>e from our 2021 restated base-year emissions. These reductions are largely attributed to the implementation of our POTF program and leak detection and repair programs.

## BKV's Planned Path to Net Zero (Scope 1 & 2):<sup>1</sup> Barnett and NEPA Production

Based on BKV upstream and midstream emissions estimates in the Barnett and NEPA



In November 2023, we commenced commercial sequestration operations at the Barnett Zero Project, and today, we're proud to celebrate its success in delivering real, impactful decarbonization solutions. As one of the first commercial, purpose-drilled Class II UIC wells in the U.S. for permanent underground sequestration of CO<sub>2</sub> waste, the Barnett Zero Project is leading the way in

redefining what's possible for carbon capture. With approximately 165,000 metric tons of CO<sub>2</sub> waste sequestered in 2024, we have solidified our leadership in commercial-scale carbon capture. This is more than progress, it's a powerful step toward a decarbonized, more sustainable future for U.S. natural gas production.

<sup>1</sup> All CO<sub>2</sub>e on this slide represent GHGRP plus additional sources and Scope 2 emissions calculated using AR5 Global Warming Potentials (GWPs).

<sup>2</sup> Based on reporting year RY (2021) emissions reported to US EPA GHG along with additional sources. Includes emissions contributions from XTO assets.

<sup>3</sup> GHG plus emissions summed with Scope 2 emissions for each year.

<sup>4</sup> CCS projects or other market credits used to offset residual emissions.

<sup>5</sup> POTF factors include BKV Barnett and NEPA upstream operations. Value represents years 2025 and beyond.

<sup>6</sup> Emissions surveys accomplished per US EPA Subpart W to reduce emissions.

<sup>7</sup> Solar will begin to offset Scope 2 emissions through an initial 2.5MW (up to 5MW) build out.

<sup>8</sup> Scope 1 emissions were updated after original submittal to EPA for RY2024 GHGRP.

**Our Environmental Management System guides how we manage operations responsibly and minimize environmental impacts.**





## Environmental Management System & Digital Transformation

This report marks our first as a public company. As we chart a course for bold new growth, we recognize the critical importance of modernizing our EMS to meet the twin imperatives of strategic decarbonization and regulatory excellence. Our EMS helps align our practices with the standards outlined in ISO 14001, and we continue to enhance it by integrating advanced digital tools to create a powerful, data-driven foundation for smarter, more sustainable decision-making.

Our EMS guides how we manage operations responsibly and minimize environmental impacts. Through ongoing improvement, we are committed to reducing our carbon footprint, protecting local biodiversity, maintaining regulatory compliance, conserving and reusing water and proactively managing waste — all to ensure that our operations remain sustainable and environmentally responsible.

Our 2024 improvement focus has centered on building a single source of truth for key environmental and operational data. A major part of this effort is the initiation of Project VADER — Visualization and Automation of Data for Emissions Reporting, a multi-year journey to streamline and strengthen our emissions reporting process.



# Initiating the VADER framework.

## CASE STUDY

In 2024, we initiated Project VADER to improve how we track, analyze and report emissions across our operations. This initiative is designed to strengthen our data collection and processing capabilities, providing real-time insights that support regulatory compliance and measurable progress toward our emissions reduction targets.



Our structured approach consists of six key stages, each with rigorous quality control processes to stress test our data integrity:

**1 Define Requirements:** Bring together Operations, IT and EHSR to define emissions reporting needs, using EPA's GHG Reporting Program (GHGRP) as our baseline.

**2 Identify Sources of Truth:** Determine the source for each data point and catalog these references.

**3 Validate Data Quality:** Assess existing datasets for completeness and accuracy, followed by necessary remediation.

**4 Integrate Systems:** Establish clean data connections between our systems to enable seamless data consolidation and ensure consistency.

**5 Develop and Validate Query:** Work closely with IT to create and refine queries, checking for outliers, duplicates and inconsistencies.

**6 Calculate and Report:** Feed validated data into [Validere](#), our partner regulatory emissions reporting platform, for final calculations.

With over 550 operational data points being reviewed systematically on a monthly basis, this effort will significantly enhance data consistency, accuracy and efficiency in our emissions reporting.

As we advance our progress with Project VADER, we already see benefits that extend beyond regulatory compliance. We are excited to build on this momentum in the upcoming years, as we believe the initiative will enable:

- **CSG Calculations:** Delivers auditable, traceable data to support our groundbreaking energy solutions like CSG, a Scope 1, 2 and 3 carbon-neutral natural gas product.
- **Operational Efficiency:** Reduces manual data consolidation, enabling consistent reporting across different regulatory requirements and publications.

- **Financial Visibility:** Supports real-time calculation of methane fees and Waste Emissions Charges (WEC) accruals, improving forecasting and budgeting.

- **Gap Mitigation and Opportunity Identification:** Captures and addresses data gaps, uncovering opportunities for emission reductions and process improvements.

- **Scalability for Growth:** Streamlines systems across acquired assets, positioning seamless integration for future acquisitions.

- **Net Zero Confidence:** Provides verifiable data to track and communicate our net-zero journey with strong credibility.

Starting with emissions in 2024, we envision VADER-type processes evolving into a framework for managing all key environmental and operational data in the years ahead. Project VADER reflects our belief that sustainability is inextricably linked to our strategic growth, supporting the delivery of our one-of-a-kind carbon-neutral product and reinforcing our commitment to a credible, measurable net-zero journey.

By consolidating and improving the quality of our data, we gain a clearer, more comprehensive understanding of our assets. This clarity helps us mitigate risks, close data quality gaps and identify opportunities to enhance operational efficiency and unlock financial value. Ultimately, Project VADER gives us the strong, data-driven foundation we need to pursue our bold ambitions with confidence.

Using a Minimum Viable Product (MVP) approach, we test and refine solutions, from emissions monitoring to predictive maintenance, including the exploration of generative Artificial Intelligence (AI) use cases, before scaling them across operations. Launched in 2024, this iterative process allows our operations teams to apply their frontline expertise to real-world challenges, driving continuous optimization. Already the approach has delivered measurable operational improvements, and we look forward to expanding the most effective MVP applications in 2025 and sharing further progress in future reports.

As part of a multi-year, company-wide digital transformation, we have made additional progress in connecting our operations teams with IT capabilities, including through initiatives like Project VADER. This effort goes beyond

investing in technology and process improvements, we are investing in our people, emphasizing that they are the backbone of our operations. By fostering an entrepreneurial culture, our field teams collaborate directly with IT specialists to identify high-impact opportunities to deploy emerging technologies.

By combining field expertise with advanced analytics, we are improving operational efficiency while reimagining the possibility of environmental stewardship—proving that accountability, innovation and sustainable business growth can, and must, go hand in hand.



## Emissions Management

Our emissions operational strategies are designed to help BKV detect, reduce or eliminate GHG emissions from our operated upstream and natural gas midstream businesses.

## Emissions Operational Strategies

### SCOPE 1

#### Monitoring, Detecting and Eliminating Leaks

- On-Ground Leak Detection and Repair (LDAR)
- Continuous Monitoring (Project Canary and Earthview)
- Aircraft Fixed-Wing Flyover (Insight M) Satellite Monitoring (Orbio<sup>1</sup>)

#### POTF: BKV program to eliminate methane emissions from our upstream operations

- Pneumatic Conversion
- Electrification of Producing Wells and Drilling Rigs
- Asset Consolidation
- Liquid Consolidation and Vapor Capture
- Modification of Gas Processing Units

### SCOPE 2

**Project Sunshine:** Our Power JV's 2.5 MW solar facility in the Barnett Shale is now operational. We plan to purchase and retire the Solar Renewable Energy Credits (SRECs) generated by the facility to help offset a portion of our Scope 2 emissions.

**Plushanski Solar:** A 50-kilowatt solar generation system at our NEPA operations designed to offset the site's energy consumption, while producing surplus energy.

### SCOPE 3

**CCUS:** Our CCUS business of capturing and sequestering our emissions and third-party emissions is a key step toward fully offsetting Scope 3 emissions from our operated upstream and midstream natural gas activities.

<sup>1</sup> We completed a pilot project with Orbio in 2024 and are fully implementing it in 2025.

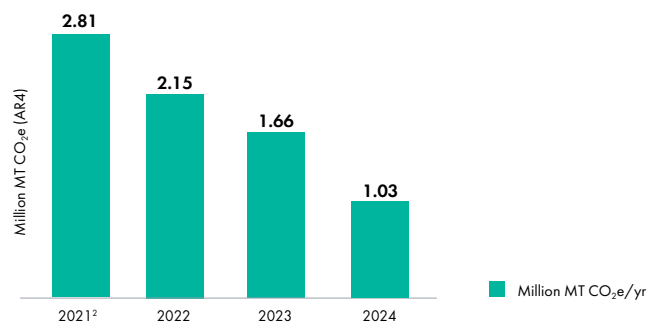


## Scope 1 Emissions Reduction

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**Our continued commitment to emission reduction programs has reduced our overall GHG emissions by over 63 % from our 2021 restated base-year emissions.**

### BKV GHG Annual Emissions<sup>1</sup>



### 2024 Scope 1 Emissions

Our GHG Plus emissions for 2024 totaled 1.03 million metric tons CO<sub>2</sub>e, representing a 63% reduction from the 2021 GHG Plus value of 2.81 million metric tons CO<sub>2</sub>e.

↓  
**63%**  
Reduction from 2021

<sup>1</sup> Includes Scope 1 GHGRP emissions as calculated per Subpart W, plus additional sources emissions.

<sup>2</sup> 2021 emissions represent re-baselining due to mergers and acquisitions (M&A). GHGRP emissions for acquired assets were obtained from Electronic Greenhouse Gas Reporting Tool (e-GGRT). Additional source emissions for 2021 were estimated based on the ratio of each source category emissions to the overall CO<sub>2</sub>e for company from 2022, applied to the overall 2021 CO<sub>2</sub>e.



**From 2021 through 2024, the POTF program has reduced the annual Scope 1 emissions from our operated upstream and midstream businesses by over 659,000 Mtpy CO<sub>2</sub>e, representing 37% of our total emissions reductions. We are proud of our progress in upgrading our mature assets to enhance efficiency and reduce emissions.**

With new tools and advancements in emissions intelligence, we have strengthened our ability to adapt to reporting requirements, leverage real-time monitoring and use intrinsic data for greater transparency and accuracy. These enhancements support informed decision-making and help us identify further opportunities to reduce emissions.

In 2024, we continued investing in the expansion of our POTF project, achieving significant progress in methane elimination. We also advanced strategic partnerships, including our collaboration with Project Canary and Earthview, to support continuous emissions monitoring and emissions intelligence and establish additional deployments in 2025.

### **Methane Management: POTF**

Our POTF program, launched in 2021, aims to upgrade existing operations and optimize pad-level design to reduce our direct emissions while maintaining operational continuity. The program focuses on eliminating methane emissions from high-impact equipment, lowering overall GHG emissions across our upstream assets.

**Optimizing and upgrading acquired mature assets requires creativity, time and effort. We are investing in mature assets because we believe it is a key strategy to address emissions while sustaining growth. We are committed to responsibly improving production and environmental performance across our assets, delivering top-tier results through impactful upgrades.**



Key upgrades include pneumatic conversions, electrification, asset consolidation, modification of gas processing units and liquids consolidation and vapor capture.

**Pneumatic Conversion:** Converting natural gas-powered pneumatic controllers to compressed air or electric on existing electrified pads.

**Electrification:** Implementing electrifying pads where feasible to replace use of natural gas in processing units and adding solar power to allow for pneumatic conversions from natural gas to air or electric.

**Asset Consolidation:** Streamlining and modernizing existing pad facilities to reduce emissions caused by aging assets, which in turn reduces

maintenance expenses, environmental risk and production downtime.

**Gas Processing Unit Modification:**

Reducing or eliminating the use of gas processing units for our legacy assets and replacing their function with electricity, thereby reducing emissions and minimizing environmental risk. Our newly installed units are designed with these improvements in mind and will not require future modifications.

**Liquid Consolidation and Vapor**

**Capture:** Minimizing onsite storage of condensate and oil by sending liquids rich in natural gas to centralized facilities.

These retrofits have driven a substantial year-over-year decline in our Scope 1 emissions.

By the end of 2023, we successfully transitioned all BKV-owned natural gas-powered pneumatics in the NEPA region to compressed air systems. Building on this progress, we prioritized conversions in the Barnett throughout 2024, completing conversions and upgrades for more than 60% of our Barnett pneumatics by implementing similar elements of our POTF program. Many of these reductions come from preventing methane emissions, one of the most potent GHGs.

Beyond environmental benefits, the POTF program enhances pad efficiency, strengthens operating revenue and supports sustainable business performance. Leveraging advanced technology, data analytics and operational best practices, we have also significantly lowered lease

operating costs in the NEPA region since 2019.

Building on the success of our sustained investment in the POTF program, delivering both environmental and business benefits, we encourage our teams to identify new emission reduction opportunities and develop innovative solutions to operational challenges, driving continuous improvement in sustainability and performance.



**Where feasible, we update our assets with modernized technology.**

### Evaluation Enabling Future Improvement

Our internal review process, Operational Planning and Risk Assessment (OPRA), enables us to evaluate the effectiveness of our emissions reduction initiatives while quantifying associated cost savings. It also helps our teams to assess the revenue impact of capturing and utilizing gas that would otherwise be vented. By capturing the operational, environmental and financial benefits of our upgrades, OPRA provides a view of the value created through our efforts.

### Pad Electrification

In 2024, we continued our journey around connecting additional pads to electricity where feasible, enabling the installation of electric-operated controllers or electric-operated air pumps.

This transition takes two forms:

**Grid Connection:** Installing line power where technically and financially feasible, including obtaining necessary permits and rights-of-way.

**Onsite Solar Integration:** Deploying solar panels to power electric controllers and pumps in locations where grid connection is not feasible.

As of December 2024, BKV has converted the natural gas-powered pneumatic pumps and controllers at over 1,750 locations, converting over 11,000 devices associated with over 3,750 wells across our pads in Barnett and NEPA.

We continue to evaluate new opportunities to convert pneumatics from natural gas to air or electric, leveraging both on-site and remotely generated solar power. In some cases, we build solar units in-house for electric conversions, while in others, we collaborate with third-party vendors to facilitate the transition to electric or air-driven devices. These efforts drive methane reduction and help lower our Scope 2 emissions by decreasing reliance on purchased electricity.



### Asset Consolidation and Optimization

Where feasible, we update our assets with modernized technology, enabling us to decommission less efficient systems and consolidate our operating footprint. This approach reduces potential points of failure across assets, improves efficiencies, lowers costly repairs and minimizes incidents such as spills and leaks. For example, in 2024, we began deploying Capture Energy's "Iron Lung" compressor to replace aging natural gas-powered pneumatic equipment. By allowing us to convert natural gas pneumatics to compressed air without the need for electrification, we are able to reduce our methane emissions footprint in areas without purchasing grid power.

# Pneumatic power without the grid.

Our team remains at the forefront of emerging technologies, constantly collaborating with industry experts to explore and implement innovative solutions. As part of our ongoing efforts to enhance the POTF program, we have introduced technological improvements that redefine our design approach, including a compressor known as Iron Lung. This system was developed to supply instrument air to pneumatic devices without relying on grid or locally generated electricity. It uses existing energy in the form of pressurized gas to create pressurized

air to be supplied to pneumatic devices, eliminating the need for an external power source. Previously, our air-powered pneumatic controllers relied on grid power or local energy sources. This innovation allows for the deployment of low-emission equipment in remote locations, even where electric grid access is unavailable, or solar power is impractical. By doing so, we enhance operational uptime, further reduce methane emissions and maintain critical operational flexibility.

## CASE STUDY







### Project Luka: Optimization of Gas Lift Compressors

Launched in 2022, Project Luka was designed to reduce our emissions while lowering lease operating expenses. By installing company-owned compressors to replace leased units, we optimized compression demand and thereby reduced compression size, compressor count and associated fuel usage.

**BKV 2024 methane intensity was under 0.2%, significantly below the ONE Future members' collective average of 0.33%.**

For calendar year 2024, we have replaced 74 compressors in our Barnett operations, each retrofitted with state-of-the-art emissions control systems. Right-sizing compression resulted in the release of 49 rental compressors, reducing approximately 3,600 hp of compression to current needs. This optimization has cut

overall fuel consumption, reducing GHG emissions and air pollutants. The project equates to an annual reduction of over 11,600 Mtpy CO<sub>2</sub>e for future years, all while providing significant monthly cost savings related to rental fees and field gas consumption.

### Partnerships to Reduce Methane

As a member of the ONE Future Coalition, BKV is part of a group of about 50 natural gas companies working together to voluntarily reduce methane emissions across the natural gas value chain through innovative technologies and shared best practices. ONE Future's goal is to reduce member companies' combined ratio of methane emissions to natural gas produced to 1% (or less). In the most recent ONE Future report,<sup>1</sup> ONE Future's 2023 collective methane intensity of member companies was recorded at 0.33%, beating the 1% goal for the seventh year.

### Methane Management: Monitoring and Detecting Leaks

We utilize a multi-tiered organizational structure and process to identify, monitor, quantify and mitigate fugitive emissions across our asset base. These coordinated efforts form our Emissions Monitoring Ecosystem, a framework supported by our new tools and advancements in emissions intelligence that enables data-driven, real-time decision-making to meaningfully reduce direct emissions.

Our approach is rooted in leveraging effective and fit-for-purpose technologies available, allowing us to proactively review our asset base and address fugitive emissions accurately. As monitoring technologies continue to evolve, we will remain at the forefront, evaluating and adopting the innovations while investing in our operational teams' capabilities to effectively leverage these tools for measurable impact.

<sup>1</sup>ONE Future 2024 Annual Report

Our current Emissions Monitoring Ecosystem primarily includes:

#### Leak Detection and Radar (LDAR):

Leveraging advanced technology, our on-the-ground LDAR team and lease operators inspect the equipment and identify potential leaks of fugitive methane, which are one of the largest contributors to our Scope 1 emissions. The examination takes place on the pad with a sensitive Forward-Looking Infrared (FLIR) or Optical Gas Imaging camera, and our team of 11 Environmental Operators is trained to repair identified leaks immediately. These inspections are performed at varying frequencies to ensure regulatory compliance and adherence to best practices.

**Fixed-Wing Emissions Flyover:** In partnership with Insight M, we conduct Fixed-Wing Emissions Flyovers quarterly to semi-annually for our Barnett assets. Deploying this highly sensitive, advanced

technology allows us to scan our entire field to detect potential leaks, quantify emission rates and mobilize our team to reduce or eliminate detected leaks. All findings are integrated into our system and dashboard for continuous analysis and calculations.

**Satellite Monitoring:** In partnership with Orbio, we are able to leverage public satellite-based emissions monitoring to detect potential emissions events proximal to our operations. When an emission event is identified by Orbio, our team assesses the event to determine if an operational anomaly that could be correlated to that emission event has occurred. When an anomaly is identified, we mobilize our field teams to investigate and assess operating conditions in the event there is a need to resolve the ongoing issue.

**Continuous Monitoring:** Through our partnership with Project Canary and Earthview, we deploy real-time

continuous emissions monitoring technology on a risk-adjusted basis to screen our pad-level GHG emissions for fugitive leaks. By combining advanced sensors with enhanced data management capabilities, we can detect and respond to emissions events in near real time and identify leak trends over time to produce targeted reduction opportunities. Continuous monitoring at the well pad level also strengthens the time-bounding accuracy of our emissions event data and reinforces the high environmental standards under which our natural gas is produced.

This amalgam of technologies helps us identify and address leaks promptly and effectively to prevent compounding impacts.



## Monitoring and Detecting Leaks

Our approach to methane management includes a highly trained team of LDAR specialists who are on the ground identifying and reducing fugitive emissions, leveraging the insights gained from our Emissions Monitoring Ecosystem. In 2024, we doubled the size of our LDAR team as we continue to invest in building on-the-ground team capabilities to increase the frequency of inspections and timeliness of response to potential emission events.

These specialists play a critical role in analyzing information from emissions monitoring and executing our leak detection, response and repair efforts. They also evaluate equipment and operational patterns to identify operational root causes and equipment that may be prone to leaks, developing a proactive, risk-based leak management program.



# Enhancing early detection through pad-level alarms.

## CASE STUDY

In 2024, we piloted several sites, in collaboration with Project Canary, to enhance early detection of leaks by setting and refining alarm thresholds at the pad level. The goal was simple: use accurate alarms to act faster.







At one of our pilot pads, the effectiveness of this approach became immediately clear. In one instance, around 8 p.m., an alarm was triggered—one we might have previously missed overnight. Thanks to the new alarm system, our team was alerted in real time, returned to the site and successfully brought the well back online. In doing so, we avoided an estimated 13 hours of lost production, returned gas to the sales pipeline and prevented unnecessary fugitive emissions. This was an outcome that would not have been possible had the issue gone unnoticed until the regular location visit by the lease operator the next morning.

The pilot began with fine-tuning minimum and maximum alarm thresholds to strike the right balance between reporting alert sensitivity and impact. As the system matured, we began onboarding lease operators and team leads into the program, increasing visibility and responsiveness to alarm outputs. When repeated alerts were observed, our LDAR team was deployed with detection cameras to pinpoint and resolve the cause of the emission events.

By combining operational experience with new technology, the pilot program quickly delivered measurable results. Our 2024 pilot sites reported a

75% reduction in emissions through targeted engagement with operators and improved monitoring routes. These early successes highlight how our Emissions Monitoring Ecosystem, powered by real-time intelligence, is being effectively leveraged by our operational teams to drive tangible, on-the-ground impact.

Moving forward, we plan to further build out our team's capabilities to fully harness insights from our Emissions Monitoring Ecosystem and drive even greater environmental performance.

## Advancing Responsibly Sourced Gas

The fundamentals of our natural gas business are grounded in responsible production. We work with an independent third-party to verify our operational performance across key areas, including continuous emissions monitoring, air emissions, water and land use, community engagement and more. We believe in the long-term viability of producing lower-impact, carbon-based energy and recognize the critical role natural gas plays in a low-carbon future. Since our inception, we have consistently invested in reducing methane intensity and minimizing the environmental footprint of our operated upstream and natural gas midstream operations.

A key strategy of this commitment is the certification of our production as Responsibly Sourced Gas (RSG)—a differentiated natural gas produced

from wells which have gone through a third-party environmental assessment and verification process and have a current TrustWell® rating.

### Delivering RSG Through Rigorous Certification

Project Canary, a climate technology and emissions data company, provides a rigorous assessment of operations in the energy sector, evaluating operational performance across four key categories: air, water, land and community. As part of its TrustWell® environmental assessment, Project Canary analyzes and certifies our production on a well-by-well basis.

Every year, we go through a rigorous re-certification process for our NEPA and a portion of our Barnett production to receive the TrustWell® “Gold” rating, the second highest rating a well can receive for its production, reflecting our commitment

to responsible energy production. We also engage Project Canary to assess our Barnett midstream assets, further demonstrating the integrity of our midstream systems in delivering RSG.

In 2024, Project Canary, through their Trustwell® program, re-certified 18 facilities and approximately 840 miles of rich/lean pipeline in BKV’s Barnett Shale midstream asset footprint. Additionally, by the end of 2024, approximately 70% of our NEPA production and 48% of our Barnett production has been re-certified with the TrustWell® “Gold” rating, in addition to our continued recertification efforts at our upstream operations in NEPA and Barnett. This further supports the BKV approach to delivering differentiated gas products into the market by enabling third-party reviews of how we develop and operate our assets.

RSG



Through targeted investments and innovative technologies, we are committed to actively reducing the direct emissions from our legacy assets and integrating our acquired assets into our net-zero strategy.

### Driving Emissions Reduction Through Innovation

We believe our partnership with Project Canary strengthens the credibility and marketability of our low-methane-intensity natural gas. Evaluating our natural gas assets through the TrustWell® process underscores the credibility and integrity of our emissions reduction programs. Through rigorous auditing of our assets and the establishment of a best-in-class, multi-tiered emissions monitoring ecosystem, we continue to improve our ability to capture more gas for sales rather than losing molecules through leakage. For example, we are exploring generative AI use cases, paired with proper

training, to enhance our ability to analyze data and identify areas for improvement. As a result, we create economic value while reducing overall methane emissions.

Additionally, this approach enables real-time emissions quantification, empowering us to offer greater transparency in emissions reporting and adjust as needed to mitigate operational emissions. By diligently monitoring and analyzing this data, we can minimize our emissions footprint, optimize RSG production and sales and advance toward ultimately becoming a verified producer of a Scope 1, 2 and 3 carbon-neutral natural gas product: CSG.

**BSG is the building block of CSG. Read more about our CSG offerings on [page 78](#).**



## Scope 2

We continuously enhance energy efficiency across our operations by exploring and implementing innovative technologies.





## Project Sunshine

Power JV's 2.5 MW solar facility in the Barnett Shale is now operational. We plan to purchase and retire the Solar Renewable Energy Credits (SRECs) generated by the facility to help offset a portion of our Scope 2 emissions.

## Plushanski Solar

In early 2023, we commissioned a 50-kW solar generation system at the Plushanski Pad within our NEPA operations. While this is a smaller system, it serves as a clear demonstration of our ongoing commitment to reducing electricity consumption at our operational sites. This solar installation supplies the Plushanski Pad's energy requirements and, by doing so, eliminates the pad's site-specific Scope 2 emissions. In addition, any surplus power produced by the solar installation is returned to the grid via net metering. The system, which includes over 100 panels and five inverters linked to our local utility, has already produced approximately 63.6 MWh of electricity.

We continuously enhance energy efficiency across our operations by exploring and implementing innovative technologies. For example, electrifying pads and installing Iron Lung compressors reduce our reliance on the local grid, while improving energy efficiency at our sites.

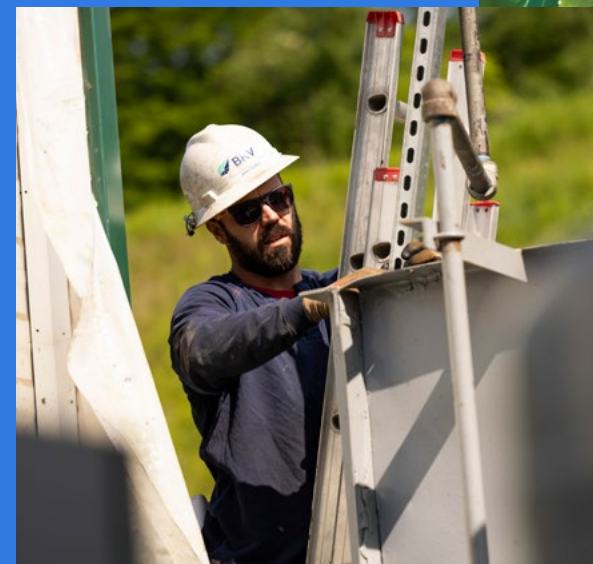


## Scope 3

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**Our long-term goal is to incorporate all relevant Scope 3 categories, especially Category 11 – Use of Sold Products emissions into our net-zero target.**

As our CCUS business evolves and associated technology advances and more projects become operational, it represents a key solution for offsetting the entire Scope 3 footprint associated with our operated upstream and natural gas midstream businesses.



## Evaluating BKV's Footprint

As part of our broader commitment to minimize our environmental footprint, BKV actively tracks and evaluates our Scope 3 emissions footprint across several Scope 3 categories. Our Scope 3 assessment is built upon our in-depth knowledge of industry value chains in tandem with accredited frameworks, such as:

**The Corporate Value Chain (Scope 3) Accounting and Reporting Standard, GHG Protocol;<sup>1</sup>**

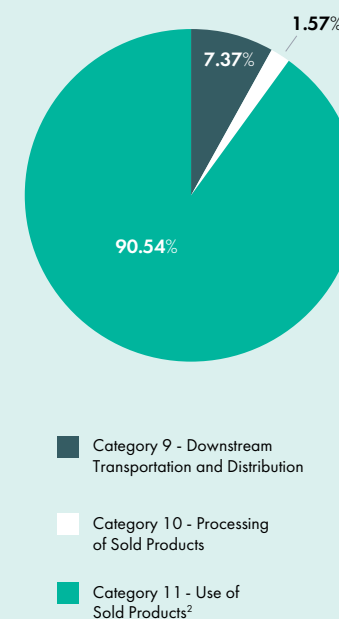
**Estimating petroleum industry value chain (Scope 3) GHG emissions, Overview of methodologies, International Petroleum Industry Environmental Conservation Association (IPIECA), 2016;**

**and CDP Technical Note: Relevance of Scope 3 Categories by Sector, Version 2.0, January 25, 2023.**

BKV maintains a strict 1% threshold when determining the relevance of Scope 3 categories to our Scope 3 emissions evaluation. The 1% threshold deems any and all source categories or cumulative total of source categories as material, given that it represents more than 1% of BKV's emissions. By maintaining stringent standards in determining materiality, we seek to ensure that our emissions reporting is comprehensive.

<sup>1</sup> BKV's Scope 3 emissions are evaluated using the operational control approach as provided in the World Resources Institute's Corporate Value Chain (Scope 3) Standard and includes emissions associated with any royalty interest paid by BKV.

## BKV Scope 3 Categories Break Down



<sup>2</sup> This assessment was conducted based on 2022 operations data.

We estimate that our annual Scope 3 emissions from our operated upstream and natural gas midstream businesses were approximately 18.7 Mtpy CO<sub>2</sub>e as of December 31, 2024. These Scope 3 emissions are currently estimated in accordance with IPIECA's "Sustainability reporting guidance for oil and gas industry," dated March 2020. Specifically, Scope 3 emissions are estimated per the GHG Protocol's "Corporate Value Chain (Scope 3) Accounting and Reporting Standard," released in 2011, under Category 11 (Use of Sold Product). Scope 3 emissions estimated for Category 11 represent over 90% of the Scope 3 emissions from our operated upstream and natural gas midstream operations, with minor contributions from other source categories. Additionally, our estimated Scope 3 emissions calculations assume that all natural

gas produced is combusted and does not account for other potential end uses of natural gas. Scope 3 mass emissions are calculated using the EPA's prescribed emissions factors for the speciated natural gas (methane and ethane) as well as NGLs assuming Y-grade NGLs. Effective as of 2024, the Company's Scope 3 CO<sub>2</sub>e emissions are estimated using AR5 Global Warming Potentials, similar to those used by the EPA. The AR5 Global Warming Potentials supersede the AR4 Global Warming Potentials applied in prior periods.

Our projected annual Scope 3 CO<sub>2</sub>e emissions are estimated at an approximated year-end net production volume of 942 MMcf/d of natural gas (approximately 85% methane, 5% ethane and 10% other) and approximately 139.4 MBbls of NGLs

(or approximately 2 MMcf/d), as reported to the EPA for Subpart W. Our NGL constituents are estimated based on average constituent NGL barrel. Allocating the entire 944 MMcf/d towards combustion as the end use, applying suitable combustion emission factors from the EPA, and using AR4 GWPs, Scope 3 annual emissions from our operated upstream operations are estimated at approximately 18.7 Mtpy CO<sub>2</sub>e. We currently engage third-party consultants to develop and review our Scope 3 emissions estimates.

Based on our 2022 internal assessment of our Scope 3 emissions, approximately 90.5% of our Scope 3 emissions are attributed to Category 11 – Use of Sold Products, about 7.4% are from Category 9 - Downstream Transportation and Distribution, and

approximately 1.6% are from Category 10 – Processing of Sold Products. Currently, only five other Scope 3 categories are relevant to our business and collectively contribute to the remaining 0.5% of BKV's Scope 3 emission inventory.

**We continue to monitor and refine our Scope 3 emissions estimates to advance our climate strategy, but our fundamental business, natural gas production, has not changed since our 2022 assessment.**

We remain confident Categories 9, 10 and 11 represent the most material categories of Scope 3 emissions for our operated upstream and midstream assets.





## Leading the Energy Transition – CCUS

CCUS has emerged as a pivotal technology in the global energy transition. The United States leads the world in CCUS, accounting for 60% of global carbon capture capacity and half of planned capacity.<sup>1</sup> BKV is at the forefront of the U.S. CCUS market. In 2024, we marked the first full operational year of Barnett Zero, one of the first purpose-drilled, Class II commercial carbon sequestration wells in the U.S., injecting CO<sub>2</sub> waste from natural gas processing plants.

As a rapidly evolving industry, CCUS does not have a standardized business model for project development. However, our commitment to innovation, disciplined execution and deep expertise across geology, engineering, operations, business development, land and regulatory functions set us apart. BKV dCarbon Ventures, our dedicated CCUS business line, focuses on the permanent

sequestration of point-source emissions and continues to gain recognition among U.S. investors.

We see CCUS as a critical component of our net-zero strategy, and our pioneering approach positions us to capitalize on the opportunities in this dynamic market.

**At this time, BKV is solely investing in and running CCS projects but may expand to utilization projects in the future.**

### What is CCUS?

CCUS technology captures and processes CO<sub>2</sub> emissions before they are released into the atmosphere. These emissions can come from our own operations or third-party sources.

Captured CO<sub>2</sub> has one of two primary end purposes.

**Utilization:** It can be directly or indirectly used in various products, such as fertilizers in a process known as CO<sub>2</sub> Capture and Utilization.

**Sequestration:** CO<sub>2</sub> can be permanently stored in deep underground geological formations through CO<sub>2</sub> Capture and Sequestration.

**Currently, BKV's CCUS efforts focus on projects with permanent sequestration of CO<sub>2</sub> waste generated by natural gas processing plants and related operations.**

This process involves capturing the CO<sub>2</sub> waste stream, compressing it and transporting it via pipeline to sites where it is injected deep underground using a UIC well for secure, permanent storage.

<sup>1</sup> International Energy Agency. Energy Technology Perspectives: Special Report on Carbon Capture, Utilization and Storage. 2020.

BKV's CCUS strategy is not an Enhanced Oil Recovery (EOR) strategy.

Our projects inject the CO<sub>2</sub> waste stream that would otherwise be emitted into the atmosphere by natural gas processing plants and related operations into UIC wells for permanent sequestration, reducing GHG emissions released into the atmosphere. None of the CO<sub>2</sub> injected through our CCS operations is used towards oil production wells.

Through industry-leading innovation, BKV is one of the first companies in the U.S. to successfully develop and operate a commercial CCUS project utilizing a purpose-drilled Class II UIC well to permanently sequester CO<sub>2</sub> waste from natural gas processing plants. Rather than pursue speculative mega-projects or complex hub-and-spoke models, we

focus on modular, point-source capture solutions that are scalable, efficient and replicable. This achievement underscores our leadership in advancing practical, scalable solutions to reduce operational emissions. By pioneering commercial CCS projects, we are demonstrating the viability of CCUS while setting a precedent for the industry, helping drive meaningful progress toward a lower-carbon future.

### Writing the CCUS Playbook

CCUS has become a pivotal element to the energy transition, but the lengthy federal approval process acts as a barrier to many companies from commencing production. BKV took an innovative approach to building this business by focusing on the sequestration of the CO<sub>2</sub> waste stream generated by natural gas processing plants and related operations. This made BKV

among the first companies in the U.S. to receive the enhanced Section 45Q tax credits provided for under the 2022 Inflation Reduction Act for the injection of CO<sub>2</sub> waste into a purpose-drilled Class II UIC well.

Our strategy is grounded in commercial execution and a repeatable project model that reduces reliance on any one outcome. Our shared services team of more than 40 professionals has a proven track record of delivering projects on time and on budget.

**BKV is one of the first companies in the U.S. to successfully develop and operate a commercial CCUS project utilizing a purpose-drilled Class II UIC well to permanently sequester CO<sub>2</sub> waste from natural gas processing plants.**







We prioritize high-return, high-concentration projects. We are focused on executing a 10-year strategy to continue expanding the scale of this model to include projects that will utilize both Class II and Class VI UIC wells. Our approach focuses on three key areas:

### 1. High Concentration, Class II, Natural Gas Processing Projects

These projects, which include our operational Barnett Zero facility and our Cotton Cove and Eagle Ford projects (both of which have reached Final Investment Decision), focus on Class II well permits and offer potential for near-term operations. They are modular and scalable, focusing on point-source capture that minimizes infrastructure needs.

### 2. High Concentration, Class VI, Ethanol & Other Natural Gas Processing Projects

These projects leverage Class VI UIC well permits, while following even more rigid requirements, and provide additional revenue potential through Low Carbon Fuel Standard (LCFS) credits.

They are also modular and scalable, focusing on point-source capture that minimizes infrastructure needs.

### 3. Industrial Projects with Point Source Sequestration

We are also exploring industrial projects with leading reservoirs and sinks. While these projects have longer lead times, they present significant volume potential by capturing a combination of high- and medium-concentration CO<sub>2</sub>.

Our flexible commercial structure allows us to adapt to a variety of CO<sub>2</sub> sources and emitters, whether capturing, collecting credits or providing fee-for-service. We focus on building a durable conveyor belt of projects, rather than relying on narrow deal structures or unproven development experience.



## Flagship Project: Barnett Zero

As of November 2024, Barnett Zero, BKV's inaugural CCS project, had been operational for a full year, geologically sequestering CO<sub>2</sub> waste generated from a natural gas processing unit from ONEOK, Inc. located in the Barnett Shale Play. Barnett Zero achieved FID in June 2022 and commenced its first injection 18 months later. The project has since sequestered approximately 173,325 metric tons of CO<sub>2</sub>e through the end of 2024.

**“Because we are pioneering this process, it’s on us to set standards high.”**

— Laura Mamazza



# From zero to operational sustainability.



Operationally speaking, Barnett Zero celebrated its first birthday in late 2024. But it has taken more than a few baby steps toward BKV's net-zero goals. At year's end, the project had injected approximately 173,325 metric tons of CO<sub>2</sub> since startup, achieving an average 97% uptime. This pioneering initiative, a partnership with ONEOK (formerly EnLink Midstream), establishes an important precedent for CCUS moving forward.

"Part of BKV's strategy is to seek out companies already removing high concentrations of CO<sub>2</sub> from their natural gas streams," said Laura Mamazza, BKV Senior Facilities Engineer. "Instead of flaring or releasing that gas into the atmosphere, they can partner with us to divert and store that waste with this mutually beneficial solution."

At ONEOK's Bridgeport facility, installed blower systems facilitate the transport of CO<sub>2</sub> generated during natural gas processing to BKV's

compressor station. There, pressure is increased from approximately 15 psi to 1,800 psi, converting CO<sub>2</sub> into a supercritical state, with the density of liquid and the properties of gas. This high-pressure CO<sub>2</sub> is then dehydrated to remove water, preventing corrosion and the formation of ice plugs during injection. Finally, the dry, supercritical CO<sub>2</sub> is pushed down an injection well into an underground reservoir, safely and permanently sequestering it 9,000 feet beneath the ground surface, below traditional extraction depths.

"We go above and beyond," said Mamazza, highlighting BKV's protocols for ensuring transparency and compliance. "We have well monitors installed to continuously track downhole casing and surface pressures. We conduct pre- and post-project emission monitoring flyovers for comparisons. We inject tracer liquids into the CO<sub>2</sub> stream to make sure it's not migrating into other reservoirs. We monitor groundwater and seismicity. We monitor ambient

CO<sub>2</sub> levels around the compressor site for potential leaks. Because we are pioneering this process, it's on us to set standards high."

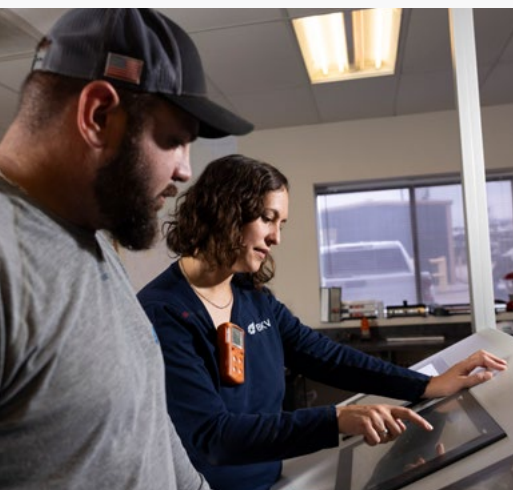
Barnett Zero is one of the first commercial, purpose-drilled Class II UIC wells in the U.S. for permanent underground sequestration of CO<sub>2</sub> waste. This made BKV among the first companies in the U.S. to receive the enhanced Section 45Q tax credits provided for under the 2022 Inflation Reduction Act. Our partnership with ONEOK establishes the potential of cooperative CCUS models in the energy sector. It also demonstrates how integrating CCUS technology into existing natural gas operations can turn waste into a valuable resource, aligning economic and environmental goals.

As with anything new, there were some speed bumps early on. For example, during the first January of operations, a hard freeze created challenges right out of the gate, with

ambient temperatures affecting system performance. But it also provided key learning opportunities for optimizing dehydration technology. At any rate, Barnett Zero quickly made up for lost time, achieving 99% uptime over the last six months of 2024. Lessons learned will be valuable moving forward with upcoming CCUS partnerships like Cotton Cove, BKV's second CCUS venture in the Barnett Shale.

Barnett Zero has not only provided a blueprint for responsible energy production but also for thinking big, then making it happen. "I remember my first day with BKV. Chris Kalnin got up and asked, 'Why aren't we sequestering CO<sub>2</sub> now?'" said Mamazza. "The technology already existed. He challenged us all to take tangible steps toward our net-zero goals. We're not only doing it, we're doing it the right way."

## In 2024, we recorded zero safety incidents for Barnett Zero operations.



### Prioritizing the Safety of Our People and Community

Consistent with our upstream operations, we follow a thorough and meticulous approach to monitoring our CCUS activities, ensuring the integrity of our assets, assessing and managing potential risks and prioritizing the health and safety of our personnel and the community.

Cutting-edge technologies safeguard our operations and the integrity of our sequestration solutions. Although a little technical in nature, the following details showcase how seriously we take our responsibility to monitor our CCUS projects.

### Subsurface Monitoring and Integrity

- **Wellbore Design:** The wellbore was designed specifically for supercritical CO<sub>2</sub> injection.
- **Downhole Monitoring:** Installed downhole monitoring gauges that provide real-time temperature and pressure data for the inside of the tubing as well as the tubing-casing annulus to detect any changes.
- **Mechanical Integrity Test:** Annual pressure test used to determine the integrity of all downhole components of an injection well.

### Geologic Integrity

- **Static Earth Model (SEM):** A stimulation model of the injection.
- **Injection and Confining Formation Analyses:** A geotechnical analysis to ensure permanent sequestration, including core samples, detailed petrophysical log analyses and geomechanical evaluation.

### Surface Monitoring and Integrity

- **Ambient CO<sub>2</sub> Level Baseline and Monitoring:** A real-time CO<sub>2</sub> monitoring system to alert the team immediately of any significant changes in ambient CO<sub>2</sub> concentrations over time and periodic drone monitoring of the injected plume area for changes in CO<sub>2</sub> concentrations.



- **Induced Seismicity Baseline and Monitoring:** Sensors installed for real-time monitoring during injection to monitor for seismic events and mitigate any CO<sub>2</sub> leakage events.
- **Groundwater Baseline and Monitoring:** A groundwater monitoring well to ensure leakage has not occurred and to mitigate if needed.
- **Tracer Monitoring:** To differentiate any ambient CO<sub>2</sub> fluctuations from leakage of injected CO<sub>2</sub>.
- **Pipeline Integrity Monitoring:** Cathodic protection installed on the CO<sub>2</sub> pipeline from source to injection site, with regular inspections to ensure safe, uninterrupted operation.

We have also developed CO<sub>2</sub> Safety Policy that meets the requirements mandated by the U.S. Pipeline and Hazardous Materials Safety Administration (PHMSA).

This policy ensures that all Company personnel and visitors in CO<sub>2</sub> exposure zones are properly trained, the hazards associated with CO<sub>2</sub> are fully communicated and the locations of potential exposures to CO<sub>2</sub> are identified and communicated prior to entering the work zones. Our policy highlights the following procedures:

- A CO<sub>2</sub> safety system designed to monitor, detect and control the levels of CO<sub>2</sub> in each environment.
- Training on the CO<sub>2</sub> Safety Policy to ensure the required knowledge and skills are acquired by all affected employees.
- An emergency notification process to quickly alert employees and initiate response procedures in the event of a CO<sub>2</sub> incident.



## Turning Carbon Capture into Economic Momentum



### Leveraging Section 45Q Tax Credits

Our CCUS projects remain financially sound due to the fact that we can leverage the availability of tax credit incentives, such as the enhanced Section 45Q tax credits implemented by the Inflation Reduction Act of 2022. Tax credits are based on the volumes of CO<sub>2</sub> sequestered.

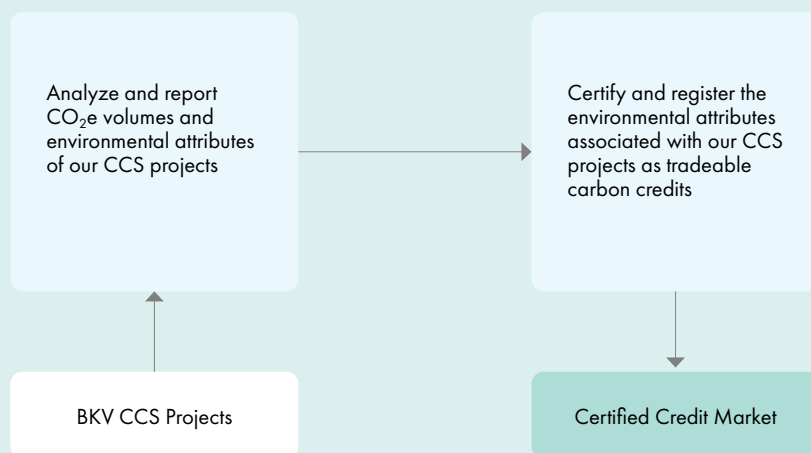
Our Barnett Zero Project commenced commercial sequestration operations in November 2023 and achieved an annual sequestration rate of approximately 165,000 metric tons of CO<sub>2</sub> in 2024. This made BKV among the first companies in the U.S. to receive

the enhanced Section 45Q tax credits provided for under the 2022 Inflation Reduction Act for the injection of CO<sub>2</sub> waste into a purpose-drilled Class II UIC well.

### Partnering with Experts

As our CCUS operations grow, we continue to seek out reputable and independent third parties to certify the environmental attributes associated with our projects. For example, we have engaged with credit-generating agencies such as ACR and VERRA to certify and register the environmental attributes associated with our CCUS projects as tradeable carbon credits.

## Certifying CCS Projects



Obtaining a certification from a verified third party reinforces the efficacy and authenticity of our CCUS projects. Our CCUS projects enable low-carbon options for both our operations and those of other operators. These solutions can be utilized to:

- 1 Decrease the carbon intensity of our current upstream and natural gas midstream operations.
- 2 Decrease the carbon intensity of other companies' operations, growing our CCUS business.
- 3 Leverage verified carbon credits to create CSG. For more details on CSG, refer to the [Pioneering a Cleaner Future](#) section of this report.

## Our Upcoming Pipeline

Following the success of the Barnett Zero project, BKV is now armed with lessons learned and operational experience to expand our CCUS projects. In 2025, we are ready to begin construction on two new projects: the Cotton Cove Project and Eagle Ford Project.

### Cotton Cove

BKV's Cotton Cove project is on track for its first injection in the first half of 2026, contingent upon receiving all necessary permits. In the fourth quarter of 2024, the company submitted a Monitoring, Reporting and Verification

(MRV) Plan to the EPA for approval. Additionally, the Texas Railroad Commission approved the project's injection permit for a Class II well, with drilling expected to begin in the third quarter of 2025.

### Eagle Ford

BKV reached FID on a new CCUS project in partnership with a major midstream energy company currently operating a natural gas plant in South Texas. This plant processes natural gas from the Eagle Ford Shale. BKV plans to purchase the CO<sub>2</sub> waste stream from the plant, compress it, transport

it and permanently sequester it in a Class II injection well at a nearby site. The Texas Railroad Commission has approved the Class II injection well permit, and an MRV plan has been submitted to the EPA for approval. Sequestration operations are expected to begin in the first quarter of 2026, pending the approval of necessary permits, with the facility anticipated to sequester an average of approximately 90,000 metric tons of CO<sub>2</sub>e per year.





In addition to the projects listed above, we have received approval from the Railroad Commission of Texas for all four of our submitted Class II CCS permits. We have also submitted three permit applications to the EPA for approval of Class VI sequestration wells, through which we can inject CO<sub>2</sub> emissions from industry sources outside of oil and natural gas production, including ethanol, cement or other industrial activities. We aim to further expand our CCUS solutions and operational footprint to capture as much CO<sub>2</sub> as possible before it reaches the atmosphere. With these advancements in our CCUS business, we have a clear line of sight to achieving our net-zero goals.

Project	Status <sup>1</sup>	Actual or Forecasted Initiation of Sequestration Operations <sup>2</sup>
Barnett Zero	Operating	November 2023
Cotton Cove	FID	1H 2026
Eagle Ford	FID	1H 2026
Other NGP Projects	Pre-FID	2026 - 2029
Total NGP Projects	Varies	2023 - 2029
Total Industrial Projects	Pre-FID	2027 - 2028
Total Ethanol Projects	Pre-FID	2027 - 2029
<b>Total</b>	<b>Varies</b>	<b>2023 - 2029</b>

<sup>1</sup> We have not secured external financing, reached FID, or entered into the definitive agreements necessary to execute any of the pre-FID projects identified above.

<sup>2</sup> Our projected timeline for commencement of sequestration operations at the Cotton Cove Project, the Eagle Ford Project and all of the pre-FID projects identified above depends in part on our ability to fund the capital requirements for these potential projects through external funding and revenues from our upstream business, as well as a regulatory environment that is favorable to our projects and their development. See "Risk Factors - Risks Related to Our CCUS Business."

# Pioneering a Cleaner Future

In 2023, we introduced a truly unique product to the market, CSG. CSG is an innovative natural gas product that is carbon-neutral across Scope 1, 2 and 3 emissions, effectively mitigating its entire lifecycle footprint. For every molecule of CO<sub>2</sub>e emitted from the production, distribution and use of CSG, an equivalent molecule of CO<sub>2</sub> is permanently sequestered through our CCUS projects.

We continue to demonstrate our commitment to a low-carbon future through our ambitious net-zero target and tangible progress in reducing GHG emissions from our operations. By leveraging our CCUS projects, we can permanently sequester carbon, which is expected to enable us to deliver a premium, clean energy solution that is quantifiable and verifiable. CSG represents the next step in our vision to provide the market with a breakthrough solution in carbon-neutral energy.

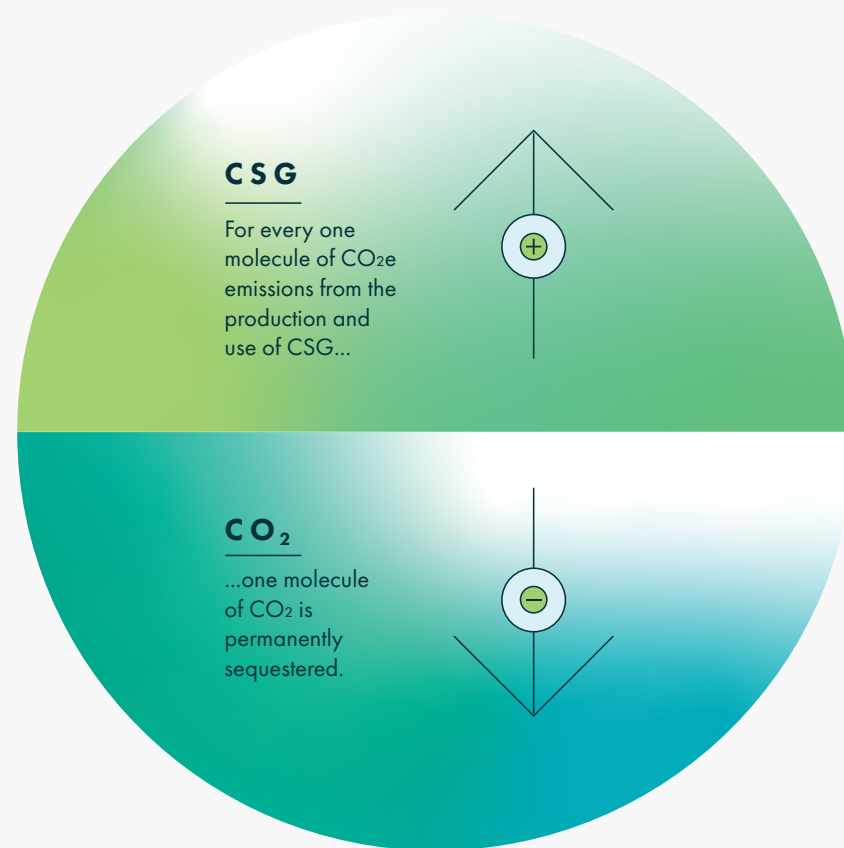
As transparency and trust play an increasingly critical role in the energy transition, we are responding to the growing demand for low-carbon energy solutions, particularly from industries like the rapidly expanding data center development and hyperscalers striving to achieve their carbon reduction targets.



To drive accountability, we are working with blockchain experts to record the environmental attributes and emissions data of CSG on a blockchain ledger, using tokenized tracking. Once a token is purchased and used, it is retired, ensuring that each unit of offset carbon credit is accounted for only once. Additionally, our MRV plan, developed in accordance with EPA standards and certified by third-party accredited protocols, reinforces our verifiable commitment to long-term sustainable operations.

### What is CSG?

CSG is a Scope 1, 2 and 3 carbon-neutral product that we expect to achieve by bundling our low-methane intensity natural gas production with carbon credits sufficient to offset the estimated emissions associated with the production, gathering, boosting, transmission, distribution and ultimate combustion of such gas, with the quantified emissions and the requisite volume of CCUS offsets being third-party certified.



## What Makes CSG a Carbon-Neutral Product





CSG is also:

**Permanent**, with verified [RSG](#) promoting environmental performance through high-quality, third-party-certified credits of the carbon emissions associated with the life cycle of the natural gas.

**Quantifiable**, leveraging blockchain technology to log fully transferable CSG certificates that live on a ledger.

**“We had an entrepreneurial attitude that we can do this — we can figure this out.”**

**— Chris Kalnin, CEO**

**Verifiable**, through third-party-certified MRV to accredited protocol standards and establishes a provable commitment to sustainability.

Learn more about CSG on our [website](#).

### Building an End Market

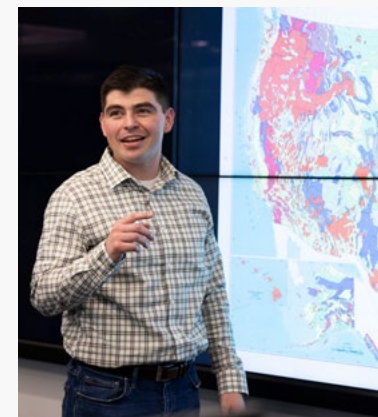
In March 2024, we announced our entry into a contract for CSG with Kiewit Infrastructure South Co., a subsidiary of Kiewit Corporation, one of North America’s largest and most respected construction and engineering organizations.

“The introduction of CSG, and this sale to a world-class natural gas end user, aligns with our mission to help create a better world through our emission reduction and energy impact goals.

We believe that our production of CSG can scale to meet future energy needs of many industries across the country and that this product will be synergistic with other approaches to sustainable energy, helping to advance the reduction in GHG emissions,” said CEO Chris Kalnin.

BKV’s partnership with Kiewit reflects a shared commitment among industry leaders to reduce emissions. We are eager to continue collaborating with other end-users to help meet their energy needs.

As a pioneer in carbon-neutral natural gas production, we are proud to introduce CSG to the market and excited about the future as BKV expands our CCUS business and increases the availability of CSG.



# Building a sustainable future, one molecule at a time.



Before partnering with BKV last June, Kiewit Infrastructure South relied on trucks to deliver compressed natural gas to its maintenance facility in South Fort Worth. A subsidiary of one of North America's largest construction and engineering firms, Kiewit was paying a high premium for that energy in terms of distribution costs as well as the large carbon footprint it left behind. BKV's CSG offers a first-of-its-kind alternative.

"Some of our field employees noticed that they were using compressed natural gas for their operations," said Simon Bowman, Senior Director, Commercial. "We proposed tapping one of our nearby natural gas pipelines with a mile-long extension to transport a sustainable natural gas product directly on site, instead of them trucking it in from Oklahoma."

For Kiewit, the new infrastructure would reduce costs and provide a more

reliable and consistent supply of locally sourced energy while also helping the company achieve its sustainability goals.

Adding a layer of transparency and security, blockchain verification creates an immutable ledger of all transactions, ensuring that every molecule of CSG delivered can be traced back to its source. Third-party organizations, like ACR (formerly the American Carbon Registry) are establishing methodologies for CSG, which are to be implemented by BKV and audited for compliance. In a market where accountability is paramount, this mechanism is intended to reduce risk potentially incurred by Kiewit.

"Our partnership with Kiewit is a major step forward on BKV's net-zero journey," said Aseem Telang, BKV Director of New Products. "Just as the demand for energy is ramping up, and the industry is trying to build the infrastructure to

accommodate, CSG provides a solution that can support development in an emissions-intensive sector and help decarbonize it at the same time."

The arrangement not only highlights how CSG addresses energy supply needs, but targets carbon emissions reduction across all three scopes. Direct emissions are to be tackled by providing Kiewit with a reliable, carbon-neutral source of energy (Scope 1), which offsets the amount of energy that would need to be purchased from less sustainable sources (Scope 2), with all the indirect emissions offset through the entire CSG lifecycle (Scope 3), ensuring that Kiewit can claim a reduced carbon credit.

"The great part is, it's all interrelated in terms of energy management and consumption," said Telang. "That translates to scope emissions as well. Kiewit's Scope 3 emissions are BKV's Scope 1, and vice versa."

Looking ahead, BKV plans to expand this proven model beyond Kiewit, exploring partnerships with other industries looking to reduce their carbon footprints. As the demand for cleaner energy grows, BKV is well-positioned to lead the way, collaborating to build a more sustainable future.

"We're not just building it," said Telang. "We're building it right."

**Our partnership with Kiewit is a major step forward on BKV's net-zero journey.**





## Air Quality & Emissions

Reducing our emissions footprint remains a core part of our commitment to operating sustainably and responsibly producing natural gas. These emissions include non-GHG emission hazardous air pollutants (HAPs) such as volatile organic compounds (VOCs), nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), sulfur oxides (SO<sub>x</sub>) and particulate matter (PM/PM<sub>10</sub>/PM<sub>2.5</sub>).

Meeting state and federal permit regulations is just our starting point. We strive to exceed legal requirements by implementing a robust system to monitor, mitigate and reduce air emissions associated with our operations. The key pillars that drive our HAP emissions reduction strategy forward include our POTF program, continuous monitoring of methane emissions from sources and alignment to regional certifications, such as the Project Canary TrustWell® assessment.



## Region: NEPA

**Project Details:** All BKV-operated natural gas functioning pneumatics have been converted to compressed air through the POTF program at NEPA operations. This facility design change mitigates methane emissions resulting from the pneumatic controllers at our sites.

### 2024 Status Update:

- Installed over 12,000 solar-operated pumps and associated solar panels to reduce methane emissions from natural gas-powered pneumatic controllers.
- Replaced natural gas-fired Gas Processing Units (GPUs) with heat trace, which ultimately limits natural gas combustion, lowering emissions and air pollutants.

## Region: Barnett

**Project Details:** Project Luka has involved retrofitting compressors with an integrated control system that manages engine performance, optimizes fuel usage and meets or exceeds the regulatory emissions requirements. This project has allowed us to efficiently re-evaluate the compression needs at each site based on production decline analysis, reducing overall fuel requirements and subsequent emissions.

### 2024 Status Update:

- Continued Project Luka in 2024 with 14 additional compressors retrofitted with integrated control systems, further improving our emissions management at the Barnett operation. There were an additional 80 compressors where we have initiated control retrofits, with plans to have these field-ready in 2025.



## Spill Prevention & Asset Management

### Spill Prevention, Control and Countermeasure Planning

We regularly review and update our Spill Prevention, Control and Countermeasure (SPCC) plans, which outline the rules, procedures and expectations for our employees across all regional assets. This ensures we maintain best practices and proactively mitigate spill incidents. The SPCC plans were informed by results from an internal risk assessment that identified all operations-related spill risks and aligned them with rapid response solutions.

Through these risk assessments, BKV also identifies the need for infrastructure or resource upgrades to minimize spills.

To help mitigate spill risks, BKV requires all employees to complete spill prevention training on an annual basis. Additionally, our Emergency Response Tabletop Sessions provide our teams with the knowledge and resources to effectively and safely respond to unexpected releases. Our training programs are designed to reduce the risk of spills while protecting the safety of our employees.

We remain committed to our ambitious goals for preventing all spills, but we acknowledge that incidents can happen and have put in place well-defined, actionable remediation plans. In the event of a spill or discharge, our employees are thoroughly prepared to handle and mitigate the effects, responding to each situation with the same level of urgency and adherence to high standards to ensure effective cleanup.



**In 2024, we had two reportable spills, one in each of our assets.**

### BKV's Mechanical Integrity Program

Through our Mechanical Integrity Program, we have established stringent requirements to guide responsible practices across the development, operations, inspections and maintenance of all our assets and equipment. Not only do we perform frequent inspections of our equipment and assets to ensure that our equipment is kept in well-functioning condition, but we also require that field employees and contractors are trained in the specific measures of safety and efficiency across our process piping, pressure vessels, storage tanks, secondary containment, safety shutdown devices and gathering pipelines.

### Good Catch Program

The Good Catch program encourages best practices under our Mechanical Integrity Program by incentivizing employees to proactively report any observations or potential risks that could result in future operational integrity issues. BKV empowers managers to take action and enact necessary operational adjustments to address any identified risks. We also leverage these reports to inform our asset improvement investments across our other facilities as part of our broader preventative maintenance strategy.

### Spill Minimization and Risk Assessment

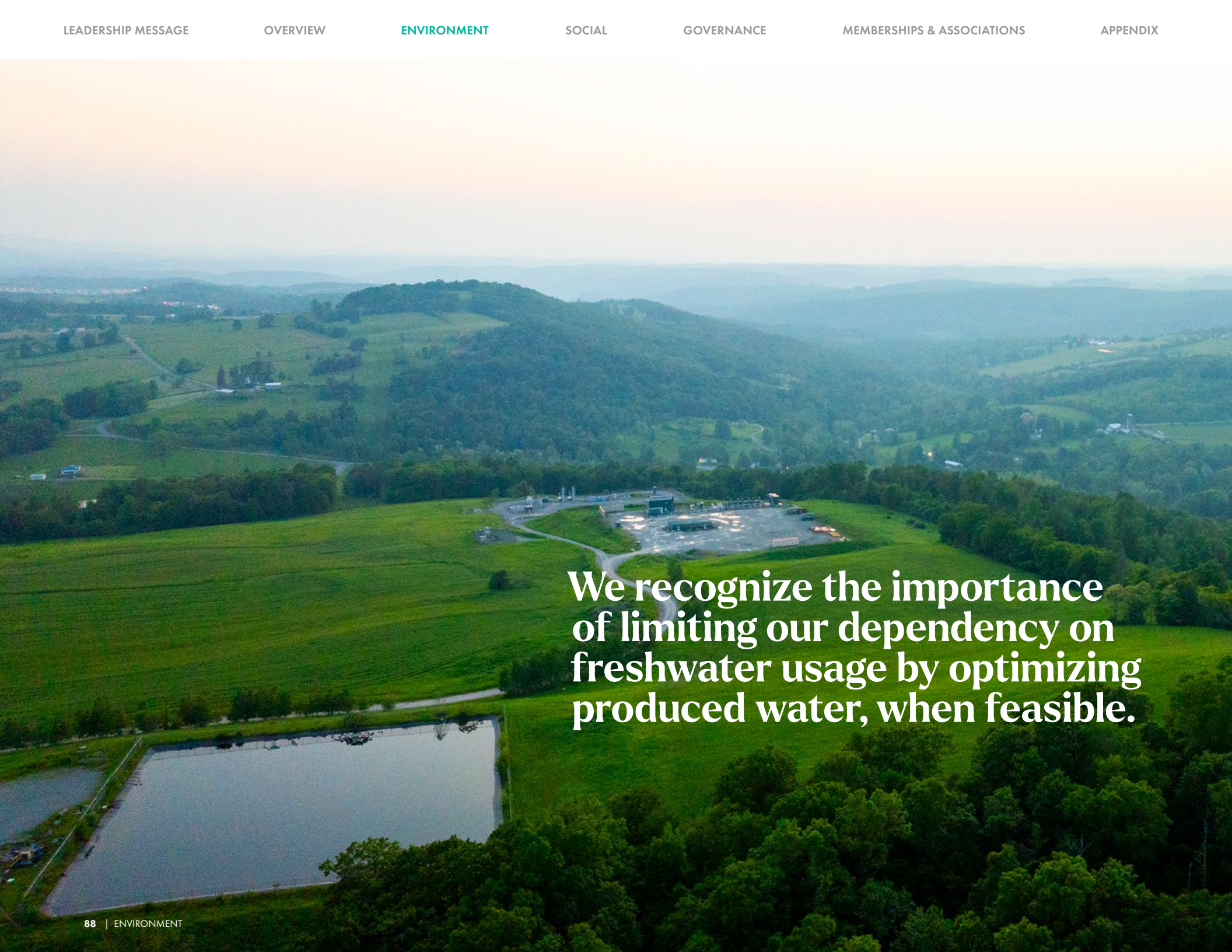
As part of our spill prevention program, we maintain spill-related targets that align with the highest environmental standards.

At our NEPA facilities, we implemented spill protection appliances that are designed to catch spills at the point of release to avoid leakage onto the ground. These include secondary containment under and around tanks with mats and berms as well as innovative construction solutions in the design of our well pads.

At the Barnett operations, we use a Spill Risk Assessment Tool to evaluate the efficacy of current spill containment systems and identify areas that could be improved. This tool uses a prioritization mechanism to ensure that containment systems near sensitive environments, including local communities, receive enhanced monitoring and maintenance visits.





An aerial photograph of a lush green landscape. In the foreground, there is a large, rectangular pond with a dark, still surface. To the right of the pond, a paved area with some industrial structures and equipment is visible, likely a water treatment facility. The background consists of rolling green hills and valleys, with some small buildings and roads scattered across the terrain. The sky is a soft, hazy blue, suggesting a clear day.

**We recognize the importance of limiting our dependency on freshwater usage by optimizing produced water, when feasible.**



# Water Management

**We recognize the critical value of water in our operations, which is why we are reducing our dependence on freshwater by implementing measures to optimize produced water and enhance our water infrastructure.**



## Optimizing Water Use Across Our Operations

Both our NEPA and Barnett operations depend on a combination of freshwater and produced water, and we strive to optimize produced water use in our operations whenever feasible. As we continue to explore innovative solutions, we seek to identify and implement new technologies and processes to protect groundwater and enhance water conservation efforts.

Our EHSR and operational programs guide our approach to managing water resources during our operations.

The following initiatives represent our current practices:

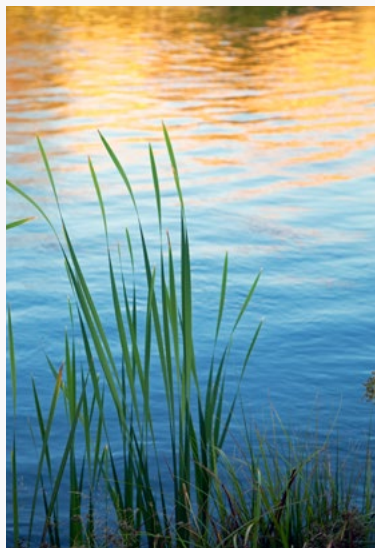
**Impoundment Process:** Our freshwater pond network helps us store and utilize water in a comparatively safer and more controlled manner, and limits the water we use.

**Minimizing Trucking:** By utilizing fixed and lay-flat pipes to transport water from impoundments to our operational sites, we save resources and responsibly manage how much water we use. This also reduces the emissions footprint from water-hauling vehicles and minimizes safety incidents by limiting the need for vehicles on the road.

**Training Employees:** We continue to train our employees in the safe reuse of water in our operations.

**The Bradenhead:** We monitor the bradenhead pressure, the space between the surface and intermediate casing across all wells on a regular basis, report and address any potential issues to ensure our wellbores are isolated from shallow groundwater and provide freshwater protection.

**Water Reuse:** In our NEPA asset, we continue to focus on our water reuse program for our ongoing operation activity to minimize the need for freshwater resources.



### Produced Water Collaboration

Over the last five years, we have continued to engage in strategic partnerships with operators in our NEPA region to optimize produced water sharing amongst our peers, thereby reducing our industry's reliance on freshwater. These collaborative efforts are predicated on transparent communication of each operator's development plans. By sharing projected operational timelines and locations, we can proactively coordinate produced water transfers. Specifically, if a partner operator is planning activities near our operations, we arrange for the efficient transport of our produced water to support their activity. Conversely, when our operations activity requires additional water resources, we leverage these partnerships to supply our operations produced water, maximizing reuse and resource efficiency across the NEPA region.

### Water Usage at Our Assets

We monitor and maintain communications with stakeholders at the federal, state and local levels related to our water usage. In the Barnett, we engage with stakeholders including the Upper Trinity Groundwater Conservation District, North Texas Groundwater Conservation District and Northern Trinity Groundwater Conservation District. Further, on a state level, we engage with the Texas Water Development Board, the Texas Commission on Environmental Quality and the Texas Railroad Commission on issues related to water usage and water disposal.

### Wastewater Management

One of our ongoing strategies in our NEPA asset is to dispose water at a dedicated facility that leverages technology to extract critical minerals, including lithium and salts from our produced water, which ensures BKV is advancing a more complete reuse of our produced water to derive greater regional benefit than simple injection disposal of produced water. The post-treatment water derived from these processes meets, and can exceed, regulatory requirements for water effluent, enabling the return of treated water into local waterways.

### Mitigating Seismic Activity

To prevent potential seismicity, we closely monitor disposal wells to ensure that pressure levels remain within acceptable ranges. In the Barnett,

where we utilize saltwater disposal wells, our geology team conducts regular monitoring to detect and assess any changes in seismic activity.

### Protecting Freshwater Integrity

Our wellbores are designed and built to safeguard freshwater resources in all regions where we operate. Engineered casing and cement effectively isolate freshwater aquifers during the drilling process and provide barriers between groundwater and production zones for the entire lifespan of the well. Additionally, our production zone targets are located a mile or more below freshwater aquifers, providing multiple layers of natural geologic boundaries that serve as separation and natural protections that prevent any potential contamination.

### Water Stress and Management

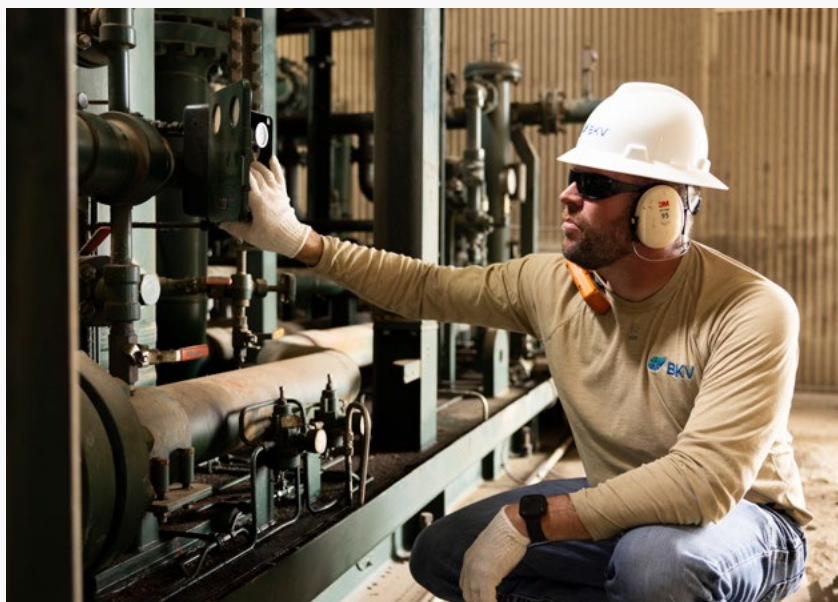
According to the World Resources Institute (WRI), our NEPA-operated assets are not located in areas classified as having high or extremely high baseline water stress. In the Marcellus region, our water risk is categorized as low (0–1 out of 5). In the Barnett region, water risk varies by location, with classifications ranging from low/medium (1–2 out of 5) to medium/high (2–3 out of 5). This variability is a result of both natural climatic variation and proximity to the urban areas of the Dallas metroplex.

Conducting a comparison of our development activity to the WRI water stress assessment informs our water usage practices within the context of regional water stress levels, ensuring that we consider these factors when developing strategies to enhance freshwater conservation and produced water management from our operations.

**Before and after drilling, our land and environmental teams actively engage with landowners and local communities to discuss our well integrity and water safety procedures. When requested, we conduct water sampling to confirm that our operations have not impacted freshwater resources on their land.**



## Waste Management



BKV's comprehensive waste management plan seeks to comply with regulatory expectations and exceed regulatory standards within our operational areas.

Our operations generate a range of waste streams, primarily non-hazardous materials, but can include some hazardous materials. Non-hazardous waste typically originates from our corporate, regional and on-site office locations and includes common items such as single-use plastics and paper products. To ensure responsible waste management, we established comprehensive protocols at all operating sites that cover the entire lifecycle of waste, from segregation and shipping to disposal and reduction strategies. These protocols are designed to minimize environmental impact and promote resource efficiency.

We maintain a consistent standard of excellence in waste management across all our locations, holding both our employees and contractors to the same stringent requirements that we adhere to in our corporate offices.

Hazardous materials, including naturally occurring radioactive waste, can be byproducts of the production of oil and gas. To keep our employees safe and to safely dispose of these materials, we formalized compliance protocols and policies to manage these waste streams when they occur. We also provide specific training for employees who are responsible for the disposal of these materials or any other used or unused chemicals.



## Biodiversity & Ecosystems

As stewards of the land, we are committed to minimizing our environmental footprint and contributing to the conservation of natural habitats. Over the years, we've maintained a consistent approach to biodiversity management, including our efforts to assess and mitigate potential impacts, promote habitat restoration and engage with stakeholders to promote the long-term health of the environments in which we operate. We believe that integrating

biodiversity considerations into our operational practices is essential for responsible resource development and a sustainable future.

As part of our strategy to minimize environmental impact, we prioritize placing new wells on existing pads. In 2024, we drilled ten wells across four pads in the Barnett, two on new pads and two on existing pads, where minor expansions were made to accommodate activity.





### Biodiversity Policies & Processes

To identify and manage biodiversity risks before major operations in new areas, we conduct Environmental Impact Assessments (EIAs). When constructing new pads, we implement interim reclamation after drilling and completions activities, as the operational footprint is typically smaller than what is needed initially. BKV's established EIA process includes:

#### Collaboration with Government

**Agencies and Institutions:** We work together with state and local entities to identify potentially sensitive areas and habitats near our operations.

#### Engagement with Private

**Landowners:** We secure easements for plots of land where surface disturbances are necessary with a goal

to minimize impacts to habitat and biodiversity.

#### Conducting on-the-Ground

**Conservation Research:** We utilize high-resolution satellite imagery, third-party software programs, and when necessary, on the ground evaluations and surveys to establish pre-development baselines, monitor impacts during operations and analyze local ecosystems for changes from our long-term operations.

At our NEPA and Barnett facilities, we leverage the EIA and our biodiversity policy to guide adjustments to well site locations in the planning and pre-construction process. Through this, we accommodate the needs of certain species when habitat conditions are identified, minimize disturbances and support the necessary restoration of previously impacted habitats.

### Our Reclamation Policy

Our comprehensive Reclamation Policy enables consistent and effective biodiversity and habitat restoration practices across our operating footprint while working with the surface owner to align our practices with their future land use plans. BKV's policy outlines clear internal expectations for the restoration of disturbed lands, encompassing specific protocols for habitat reconstruction, species protection and long-term ecological recovery.



If biodiversity is affected, we work to reclaim habitat and disturbed land through our four-step reclamation process, including specific criteria for pre-construction/disturbance activities, construction-phase, interim-phase and final-phase reclamation. The policy serves as a guiding framework for our teams, ensuring that reclamation efforts align with our commitment to environmental stewardship and contribute to the restoration of ecosystems while also respecting the rights of private landowners and their future use plans.



# SOCIAL



ENGAGE.  
EMPOWER.  
EVOLVE.



A woman with short dark hair, wearing a brown and white plaid shirt, is looking down at a young child with dark hair. The child is looking up at the woman. The background is a solid dark teal color.

ENGAGE.  
EMPOWER.  
EVOLVE.

## SOCIAL

Safety and positive impact are at the core of our culture. We strengthen the systems that protect and support our people, empower them to take ownership of well-being and encourage them to give back, making a lasting difference in the communities where we live and work.

ENGAGE.  
EMPOWER.  
EVOLVE.

# EHSR Governance & Oversight



We maintain a structured process to proactively monitor, assess and strengthen the governance of our EHSR and Sustainability programs. These programs are overseen directly by our CEO and President, Upstream, who conduct regular reviews to assess updates and emerging risks and opportunities related to EHSR. The Senior Director of EHSR and Sustainability reports to the President, Upstream, while retaining direct access to the CEO as needed. Since September 2024, our Board of Directors' Nominations & Governance Committee also receives biannual updates from the Senior Director of EHSR and Sustainability, including safety performance.

Our Sustainability, Environmental and Regulatory Managers and Health and Safety Manager report to the Senior

Director of EHSR and Sustainability, maintaining active collaboration and alignment with cross-functional teams across key focus areas, including health and safety, sustainability, regulatory and air quality.

## Prioritizing Safety at Every Step

Our CEO is instrumental in upholding safety excellence across the company, which includes shaping and reinforcing our culture, setting clear expectations and empowering employees to prioritize safety in every aspect of their work. Employees are expected to prioritize safety through their daily actions, promptly addressing any concerns as they arise.

## BKV EHSR & Sustainability Responsibility Overview



At the forefront of this effort are our operational teams, who serve as our eyes and ears on the ground. They proactively identify and communicate potential safety hazards, offering recommendations through the Safety Committee to strengthen safety protocols and performance.

Our VP of Operations oversees the health and safety of all employees across our NEPA and Barnett footprints, with regional Operations Directors reporting regular insights and safety observations. This process allows for consistent visibility and communication between our VP of Operations and on-site employees. Additionally, our Senior Director of EHSR and Sustainability and our Health and Safety Manager maintain close coordination with the VP of Operations to ensure timely and transparent communication of key safety updates across the enterprise. This structure enables the development of innovative safety solutions that enhance our company's excellent safety culture.

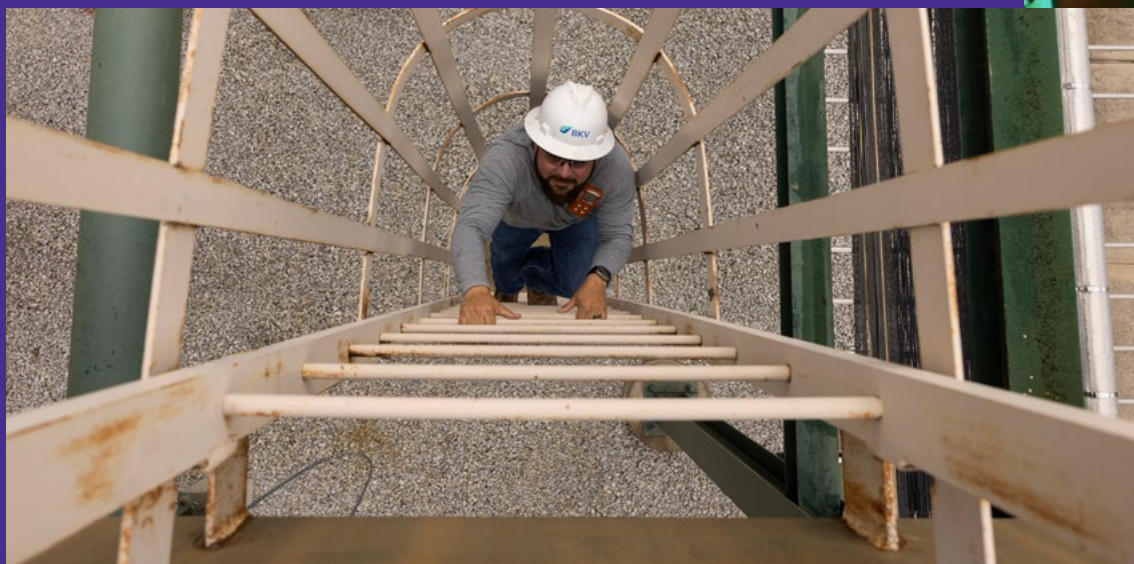


## Our Safety Committee comprises 15 dedicated employees from across disciplines and regions to assess current practices, identify areas for improvement and implement actionable strategies.

We evolved the committee's composition in 2023 to amplify the voices of our frontline workers, achieving more balanced representation while systematically gathering ground-level insights. By actively integrating these frontline perspectives into our health and safety program, we've placed employees at the center of our safety strategy development and fostered a safety culture that resonates across all operational levels.

To maintain alignment, our Safety Committee actively engages with our leadership team to ensure regional goals support overarching strategic objectives, fostering organization-wide commitment to safety through a collaborative, ground-up approach.

### SAFETY COMMITTEE







## Where Safety Shapes Everything We Do

Our EHSR Manual and Standard Operating Procedures serve as the foundation for standardized safety practices across our workforce. These resources, published and available through our corporate intranet, establish clear safety expectations and processes, driving alignment and consistency across our operations for both employees and contractors. Developed collaboratively with input from regional teams and employees at all levels, these standards reflect diverse expertise and serve as an evolving guide as we continue to enhance our safety protocols.



### Programs That Drive Safety Engagement and Employee Participation:

In the past year, we've made significant progress in our cultural shift to an employee-centric safety program that is rooted in transparency and collaboration between frontline operations and management. Our new and continued programs seek to align with and drive this safety culture.

**Our Good Catch Program** is centered around the "if you see something, say something" approach. When employees witness potential hazards and incident risks, they can report their observations immediately using the SiteDocs app on their smartphones. These reports are reviewed by managers, allowing the risk to be evaluated so that measures to mitigate potential incidents can be taken proactively.

Our Safety Committee reviews all "Good Catch" submissions. Each month, the committee votes on the top three submissions, which are honored as "Great Catches." At the end of the year, the leadership team and management select the top five, recognizing them as "Best Catches."

**Our Stop Work Authority Program** is designed to give all employees, regardless of their role or seniority, the power to stop work or operations if they spot a safety risk or hazard in any part of a project or on a job site. We uphold a strict no-retaliation policy for those who use their Stop Work Authority to address unsafe practices. In case of an incident, open communication is a priority, and we expect all workers and contractors to follow the instructions to halt work. Any failure to adhere to this protocol will result in immediate performance discussions to address the situation.

### Good Catches:

Submitted daily by employees and contractors



### Great Catches:

Top three selected monthly by the Safety Committee



### Best Catches:

Top five chosen annually from all Great Catches by the leadership team and management

## S.A.F.E.

In 2024, we launched the Safety Accolades for Excellence (S.A.F.E.) program to further encourage and reward employees who demonstrate a strong commitment to safety. The program draws upon the success of our Good Catch initiative, recognizing employees who demonstrate both significant impact through their proactive hazard identification and communication and a consistent commitment to safety excellence. Rewards include gift cards, hard hats and special recognition from our leadership team.

Over the past year, 50 employees were qualified for the S.A.F.E. program recognition, each receiving a unique carbon fiber hard hat recognizing them as safety leaders. Additionally, the top 10 performers were rewarded with additional monetary benefits in the form of gift cards, with one employee receiving nearly \$1,000 for his contributions to this program. By celebrating strong safety engagement, the S.A.F.E. program fosters a culture where employees feel valued and empowered to provide feedback, reinforcing our commitment to maintaining excellence in workplace safety.





## Making a S.A.F.E. bet on positive reinforcement.





## “The way we see it, it’s everyone’s job to make sure everyone’s safe.”

Launched in 2023, BKV’s S.A.F.E. program has helped facilitate a perceptual shift in workplace safety. An acronym for Safety Accolades for Excellence, this initiative was influenced by feedback from a Culture Site survey highlighting a lack of recognition for good safety behavior among employees. S.A.F.E. was designed to shift the narrative from what had been perceived as a punitive framework to one that emphasized positive reinforcement and proactive engagement.

“Safety isn’t about sending someone to the principal’s office when they’re in trouble,” said Adam Pope, Health & Safety Advisor at BKV. “It’s about creating a positive culture that rewards and reinforces safe behavior, so everyone goes home to their families at the end of the day.”

At the core of the program is a point-based system that encourages employees to submit Good Catches,

identifying unsafe acts, safe work practices or the initiation of stop-work protocols. Every month, BKV’s Safety Committee selects the top three Good Catches, rewarding submitters with a \$100 gift card. At the end of the year, supervisors vote on the 36 Great Catches, with the top five each receiving a \$500 gift card.

S.A.F.E. works in tandem with BKV Bravos, which recognizes employees for their adherence to BKV’s core values. Through both programs, nominees earn points towards prizes that include cash gift cards and a unique carbon-fiber hard hat.

Collectively, this incentive system has led to approximately 300 Good Catches reported each month, noting a significant boost in employee engagement as well as a cultural shift toward safety as a shared responsibility, one that extends beyond BKV employees.

“The way we see it, it’s everyone’s job to make sure everyone’s safe,” said Terry Meyers, Chairman of BKV’s Safety Committee. “S.A.F.E. even extends to third-party contractors, whether it’s a shout-out for good behavior or the authority to stop work for a safety violation. We’re all in this together.”

S.A.F.E. fosters this atmosphere of perfectly synchronized collaboration. For example, while excavating a discharge line for repair, a team of employees and contractors effectively implemented the appropriate safety protocols—including benching and lockout/tagout procedures—while navigating a changing scope of work. Identified as a Great Catch, the project reinforced the notion of safety as a collective commitment.

It further incentivizes employees to actively participate in safety measures, as opposed to simply reacting to incidents. In another Great Catch, a team member noticed during a 2024

pigging operation that a new contractor wasn’t wearing the recommended hearing protection. The concern was flagged, and the contractor was made aware of the potential hazard. This proactive intervention not only protected the contractor but also reinforced the importance of personal protective equipment (PPE) in maintaining a safe work environment.

Better communication among teams and contractors has fostered more open discussions about safety, resulting in quicker resolutions to potential hazards. Encouraging employees to take ownership of everyone’s safety has resulted in demonstrable success—the increase in positive observations, for example—with the trend expected to continue.

“There are a lot of Good Catches out there. With everything we’re seeing, it’s really getting difficult to just pick three a month,” said Meyers.

## Advancing Our Culture Through Feedback

**For the third consecutive year, BKV received a high score among industry peers in a standardized safety survey administered by ISN Culture Sight.**

In 2023, BKV partnered with an independent third-party, ISN Culture Sight, to complete a Safety Culture Assessment among employees and contractors. The assessment survey acts as a tool to garner employee feedback on the efficacy of our safety protocols and identify areas of improvement. Our results from the survey recognized BKV as one of the highest safety culture scores among our industry peers. We are proud of this accomplishment, and in the spirit of continued forward momentum, we dedicated 2024 to progressing and implementing the constructive feedback we received from the survey.

Some of the key opportunities identified from the survey include improving communication, enhancing resource accessibility and expanding safety training. In response, our Safety Committee engaged directly with field

teams and contract partners to identify practical and impactful measures to meaningfully implement this feedback. Several initiatives have been introduced in 2024 to strengthen our health and safety program, including:

- **Expanded Hands-on Training:** Shifted away from primarily computer-based training toward more small-group and in-person safety sessions to enhance engagement and effectiveness.
- **Integrated EHSR Content into Operational Training:** Embedded EHSR topics into all operational team training to drive awareness and compliance.
- **Conducted Targeted Hazard Assessments:** Collaborated with production leads in the field and midstream leadership to assess potential hazards and develop targeted mitigation strategies.
- **Improved PPE Accessibility:** Installed PPE vending machines to enable easy and immediate access to essential safety equipment for both employees and contractors.
- **Strengthened Engagement with Emergency Responders:** Continued proactive collaboration with local emergency response teams to enhance preparedness and coordination.
- **Emphasized Incident Reporting and Transparent Communications:** Reinforced a culture of open and proactive safety communication across all levels of the organization.



These 2024 program enhancements align with our broader commitment to fostering a strong safety culture at BKV. We will continue engaging our workforce through culture surveys and leveraging the results to refine and evolve our health and safety programs to best support our people and operations.



## Goals that Guide, Metrics that Matter

We evaluate the strength of our safety culture and workforce safety management practices by tracking against a range of industry-standard metrics. Among these are the Total Recordable Incident Rate (TRIR), Days Away and Restricted or Transferred (DART) rate, which allow us to assess and benchmark industry averages consistently. Metrics are reported monthly and aggregated for review quarterly by the Executive Leadership Team and the Board of Directors. For years, safety performance has been tied to BKV's executive compensation within the short-term incentive program (STIP).

We've long held a target of maintaining a workforce TRIR (inclusive of contractors) below 0.5. However, in 2024, our TRIR

stands at 0.73. While the majority of recordable incidents were low in severity, primarily slips, trips and falls, we recognize the importance of each incident and remain committed to reducing the frequency. Our DART rate also saw a modest increase, reaching 0.31. In response, we have closely reviewed each incident to enact the proper remediation and prevention measures.

It is our belief that a key reason we saw an increase in incidents in 2024 is the continued empowerment and rewarding of employees when they reported potential incidents or safety concerns. A sharpened focus on incident tracking and reporting aligns with our core value of "Show Courage," with the goal of creating a cultural shift that has improved our

visibility into frontline opportunities for improvement. It has also strengthened our ability to identify opportunities to proactively manage and mitigate risks before they can escalate into a safety incident.

Our ultimate objective is to achieve zero workplace incidents and to ensure everyone gets home safely every day. We are committed to maintaining a safe and healthy workplace where open communication and continuous improvement are both expected and encouraged. Programs like Good Catch and S.A.F.E. recognize and reward employees for timely hazard identification and reporting, reinforcing a positive feedback loop.



2024 Safety Performance

Employee TRIR	0.69
Workforce TRIR (inclusive of contractors)	0.73
Employee DART	0.46
Workforce DART (inclusive of contractors)	0.31



## EHSR Training



Our strong safety culture is underpinned by our training programs that equip employees with the skills and knowledge needed to work safely. These programs include monthly hands-on safety training and additional role-specific training.

In 2024, in response to feedback from the Safety Culture Survey, we enhanced our training approach by transitioning from computer-based modules to in-person, small-group interactive sessions with our field and operation teams. We plan to further reduce computer-based training in 2025, except for our remote-based team members. This shift allows our frontline employees to be actively engaged and exposed to real-world scenarios relevant to their daily work. Additionally, these smaller group settings have successfully increased

engagement and allowed for a more focused approach to specific learning objectives. As a result, we achieved 100% compliance with the required safety training among our employees.

Additionally, BKV has enhanced our training offerings by incorporating the EHSR sessions and topics into operational training sessions. This approach embeds EHSR principles into the core of our operations, aligning with our company values and helping employees understand how these topics apply to their specific roles.

Employees can access our training policies and procedures at any given time through our internal intranet site and a third-party mobile application.

### Some of the key topics included in EHSR training include:

- EHSR Manual and Policies
- Confined Space Awareness
- Emergency Response
- Environmental Awareness
- Hot Work
- Job Hazard Analysis/Job Safety Analysis and Hazard Identification
- Lockout/Tagout
- Personal Protective Equipment
- Safe Driving
- Other Industry-Specific Technical Safety Training

**In 2024, we shifted to in-person safety training for our field and operations teams to enhance engagement and hands-on learning.**

## Emergency Response Preparedness

**BKV continues to deliver on our goal of zero Tier 1 incidents in 2024.**

### Designated Safety Tier events

BKV identifies the Tiers of Safety Events by closely following the classifications outlined by the American Petroleum Institute (API). Recognizing that Tier 1 Safety Events can have serious consequences on both the employees and contractors working on our sites, as well as the surrounding communities and environments, BKV has been steadfastly dedicated to maintaining our goal of zero Tier 1 incidents.

Our incident command structure is formalized to guide effective management of emergencies. If an emergency occurs, notice is immediately passed up through the chain of command, including the VP or Directors of Operations, who will direct the mobilization of necessary resources and pass along notice to relevant stakeholders if needed.

### Strategy Meets Execution

BKV protocol requires that incidents of certain severity and magnitude be immediately escalated to the CEO, who will help organize the management response and administer the incident control process. Along with our CEO, several designated executives and leaders are notified, and the team will meet to assess the incident and discern the best path forward to resolve the situation promptly and completely.





**We have achieved our target of zero Tier 1 incidents in 2024 and continue to uphold our commitment through continuous reviews and updates to our safety procedures and protocols, regular in-person workforce safety training and rigorous assessments to ensure ongoing regulatory compliance.**



In addition, we have a corporate incident command structure whose purpose is to oversee the management of particularly severe incidents, ensuring an end-to-end resolution is achieved. These incidents tend to require more involved resolution activities, such as allocating new capital, creating and implementing new training or Company protocols, instituting a new role or expanding the responsibilities of existing roles.

If an incident occurs, our primary focus is to achieve and complete a resolution. Once done, we will perform an evaluation of the incident to identify the root causes, which we can use to inform necessary steps forward to prevent similar incidents in the future. The action items resulting from this evaluation are formally documented and reassessed until completed, following the incident, to verify that they have been properly implemented.

The insights gained are transparently communicated across both safety and operations teams and are shared more broadly across the organization. The integration of key lessons learned following incidents stems from our sincere commitment to the well-being of one another and the communities we support. We want to achieve excellence, and we know it is our responsibility to grow each and every day.

As our company continues to expand, we aim to prioritize a unified approach and collective understanding of the health and safety protocols. To encourage consistency across our practices and assets, BKV has one EHSR manual, streamlined Standard Operating Procedures and regional Emergency Response Plans that incorporate the interests of all parties.

BKV conducts safety drills at various frequencies throughout the year that apply to all sites and areas of operations, including:

- **Emergency Drills:** Occur regularly
- **Site or Tailgate Drills:** Occur on a weekly or biweekly basis
- **Multi-Functional Tabletop Drills:** Occur quarterly
- **Company-Wide Drills:** Occur annually

BKV also maintains strong relationships with local emergency responders and leverages these engagements to continuously improve our approach to health and safety while keeping responders informed of our emergency protocols. Local first responders are a critical component of our emergency response capabilities, and by working closely with them, we strengthen our mutual ability to protect our workforces and the surrounding communities.



## Management of Third Parties & Contractors

Partnerships with third parties and contractors are essential to the success and sustained growth of our operations. As key contributors to our business, we expect all partners and contractors to uphold BKV's standards, as outlined in our operational policies and procedures, and to adhere to the same health and safety policies as our employees.

### Contractor Screening and Audits

Prior to beginning work with a contractor or other partner, BKV will complete a screening to assess perceived risk and confirm that the

third party meets vetting requirements and standards. The Health and Safety Manager completes the initial screen to determine whether the company is part of the ISNetwork (ISN) database. For companies that are part of this network, we are able to conduct holistic performance audits annually. For companies that are not part of ISN, we complete a full due diligence of their practices to determine whether they meet equivalent vetting requirements and standards and require them to participate in ISN. We also engage with other companies to discuss and gather relevant information on contractor performance.



Upon completing our due diligence, BKV assigns a perceived risk to each contractor, which informs our hiring process. We prioritize hiring contractors with the lowest perceived risk. If a contractor is identified as having a higher risk, BKV will proactively increase oversight and schedule more consistent meetings to ensure frequent engagement.

In addition to ISN audits, we also began auditing a portion of our contractors in 2024. We continue to assess and refine internal processes to strengthen our contractor engagement program, including internal contractor audits.

### **Setting the Standard for Performance**

Once we've agreed to work with a third-party, BKV will meet with the person or group to set

our expectations regarding their operational performance, covering environment, health and safety and regulatory requirements. It is important to BKV that we establish standards and expectations prior to commencing operations. Upon starting the projects, we continue to assess our partners' performance in line with the expectations we had agreed upon to ensure compliance.

We utilize a formal contractor engagement platform that allows for immediate and ongoing communications and performance-based evaluations regarding contractors' health and safety practices. Through this program, BKV managers can sustain direct and open dialogues with contractors. This platform also allows us to address non-compliance promptly, and if necessary, establish a clear and formalized remediation plan and reinforce expectations.



## Workforce Engagement

We are committed to fostering an employee-first culture, guided by our core values and rooted in trust, collaboration and empowerment. We believe in equipping our employees to lead with intention and integrity, whether that's through improving operations, supporting teammates or making a positive impact in the communities we serve.

Our goal is for every employee to feel they have a meaningful role in the company's collective success, driven by their own creativity, discipline and a spirit of continuous improvement. Our culture encourages individuals to think boldly, challenge convention and drive innovation in their daily work.

**At BKV, we empower our teams to live our values, driving excellence, embracing change and solving challenges with innovation. These are the minds behind breakthroughs like Barnett Zero CCUS, the leaders accelerating our digital transformation and the visionaries championing sustainability in our business strategy. This is who we are.**

### Turning Feedback Into Forward Motion

We endeavor to be a caring and connected company where every team member feels valued, heard and supported. Central to this culture is actively listening to our employees and responding with meaningful actions and conversations.

We conduct an anonymous employee engagement survey each year to gather honest feedback about the employee experience. More than just a questionnaire, this tool empowers our team to voice their experiences, concerns and ideas for improvement. Their feedback drives meaningful change, directly influencing BKV's workplace program improvements and shaping our culture. In 2024, this commitment to engagement was reflected in a 95% participation rate, demonstrating our collective dedication to progress at BKV.

Open communication with our employees is a key tenet in building trust and accountability. For that reason, we have established multiple channels for a two-way dialogue across the company.





These channels include enterprise-wide and business unit town halls, venues in which employees are encouraged to ask questions and engage directly with our leadership team. Regular internal newsletters also keep teams informed of updates, initiatives and priorities. Additionally, monthly finance and asset enterprise review meetings offer all employees visibility into our financial performance and progress toward key business objectives.

As we continue to grow, we recognize an increasing desire for more frequent and visible leadership communication in our workforce. In response to employees' feedback, we've increased the cadence of leadership messages in 2024 through our intranet platform and implemented digital signage across

our worksites, ensuring important updates and insights are accessible to all employees.

In 2022 and 2023, we deepened our engagement efforts by partnering with a third-party firm to lead company-wide focus groups, tackling the challenges that come with rapid growth and ambitious goals. More than 100 employees participated in these facilitated discussions, which unearthed valuable insights behind our survey results and informed the development of an employee engagement measurement matrix built around four key focus areas. In 2024, we continued to leverage these insights to drive targeted improvements across the organization.





**We prioritize internal candidates for open positions wherever possible. In 2024, 37% of open positions were filled internally.**

## Where Talent Meets Opportunity

As part of our efforts to create top-tier employee development opportunities, we continue to improve our offerings to provide clear and accessible career pathways. To that end, we have strengthened our internal job posting process, helping employees explore new opportunities within the company and creating pathways for the company to retain and nurture top talent. This process is closely integrated with succession planning and career mapping, offering employees visibility into how they can grow and advance across the organization.

To create business continuity, we have also formalized a professional contingency plan, identifying high-potential talent whose development is

mentored to ensure these employees are ready to step into key roles as needed.

BKV employees also have access to Learning Pathways, a self-paced training platform designed to support professional development, digital fluency and personal growth. The various training modules provide a structured approach to allow employees to gain job-specific knowledge and strengthen their proficiency with the tools and systems used at BKV.

## Shining a Light on Exceptional Work

Every day, our employees deliver exceptional work—the cornerstone of our company's success and long-term growth. That's why we make

recognition a priority: to celebrate the tremendous value they bring to our team, mission and future. We acknowledge outstanding contributions in various ways, including during our bi-monthly enterprise-wide meeting. The CEO also designates time to recognize employees for accelerating BKV's success, delivering exemplary performance and achieving remarkable on-the-job achievements.

This regular spotlight reinforces our "Be One BKV" culture and inspires continued excellence across the organization.

## Well-being at Work & Beyond

Our employee wellness program takes a holistic approach, spotlighting a new theme each quarter, from mental health to financial well-being and everything in between. We bring these themes to life through diverse internal channels, keeping our people informed, engaged and supported every step of the way.

**Workplace Flexibility:** Most roles at BKV do not require a minimum in-office time. Instead, we ask employees to coordinate directly with their teams to determine the best way to fulfill their roles. Remote and home-based work arrangements have helped many team members enhance their work-life balance, mental well-

being and productivity. At the same time, we continue to foster in-person connections through scheduled in-person events and leadership talks to bring people together in the office.

**Financial Wellness:** Competitive, well-rounded benefits are key to attracting and retaining top talent. Our offerings include a matching 401 (k) plan, medical insurance coverage, parental leave programs and paid time off for holidays, personal days and vacations. We also provide financial literacy resources and host training sessions to help employees prepare their financial planning.

**Mental Health:** Supporting mental health is essential to building resilience and long-term success. We offer a robust Employee Assistance Program (EAP), along with access to additional

mental health and counseling resources. Employees can explore these services through our intranet, where we regularly promote available support tools and encourage open dialogue around mental well-being.

**Physical Health:** To encourage employees to care for their physical health proactively, BKV reimburses 100% of eligible fitness expenses, up to \$50 per month or \$600 per calendar year. In 2024, we held our team-based wellness competition, Battle to Get Fit, twice, engaging participants across the company.

## Listening to Our Employees

We take pride in proactively responding to employee feedback. Based on insights from past wellness surveys, we introduced practices to support better work-life balance, including discouraging recurring Friday afternoon meetings to designate focus time with fewer interruptions.

Additionally, we established two annual company-wide “slow down” weeks—during the July 4th holiday and between Christmas and New Year—when employees are encouraged to unplug, recharge and focus only on essential business.

# Twelve days that keep on giving.





## This was an opportunity to reinforce the relationships that empower collaboration and community.

BKV's 12 Days of Giving program has been a hallmark of the company's community involvement efforts. In Decembers past, employees would contribute time and money to support popular, usually local initiatives, with BKV matching financial donations up to \$500—an opportunity to Do Good, one of the company's foundational values.

In 2024, leadership made a conscious shift to instead use those two weeks to give back to employees, celebrating their contributions and building a more cohesive work culture. At the same time, it expanded the donation-match component of the program over the entire year.

"This time of year can be tough for a lot of people," said Megan Stiller, BKV Community Relations Manager. "It's stressful. The holidays consume everyone's time, money and energy. Plus, 12 Days of Giving picks up right at the end of BKV's 'Movember' challenge,

during which employees are also raising funds. So this year, instead of asking them to raise more money, we decided to just focus on making December fun."

This year's fun featured holiday-themed activities like a cookie-decorating contest, barista-prepared complimentary coffee, catered food, candy canes and seasonal mocktails and/or cocktails. Even amidst the tacky holiday sweaters, a national sock drive benefiting veterans associated with the Wounded Warrior Project was proof that the spirit of volunteerism was very much alive. Each office also signed and delivered holiday cards for select nonprofits, including Children's Hospital Colorado, Cook Children's Hospital and a local retirement community in Pennsylvania.

Time this year was also set aside to celebrate Women Who Work, a mentorship program for professional development, giving female employees the opportunity to come together,

share experiences and socialize at a time when working from home is increasingly common.

"It's really about bringing people together," said Charles Bennett, BKV Senior Operations Advisor. "Out of necessity, we do a lot of our communication over Microsoft Teams. But there's no substitute for face-to-face interactions. BKV is a young company merging many different groups of people from various acquisitions. This was an opportunity to reinforce the relationships that empower collaboration and community."

While 12 Days of Giving has shifted its focus to employee appreciation, expansion of the matching-donations program now provides a year-long opportunity for those same employees to contribute to the causes they are passionate about, with BKV matching those contributions up to \$500, demonstrating the company's commitment to supporting employees'

philanthropic interests. This realignment has resulted in positive returns across both initiatives.

"This has been a catalyst for increased donations," said Stiller. "During 2024, employees contributed more than \$35,000 to 15 charitable organizations and non-profits, with BKV matching dollar for dollar. At the same time, we also saw more employees participating in the 12 Days of Giving."

Ultimately, the change has helped revitalize BKV's culture of volunteerism by strengthening the bonds that have made those efforts so successful in the past.

"Everyone at BKV works hard, putting in long hours because they really believe in what they're doing," said Stiller. "Coming together to celebrate our challenges and successes—and each other—inspires us to do even more."



## Compensation and Benefits

We are proud of the hard work and dedication our employees bring to BKV every day. For that reason, one of the initiatives we've committed to is the review of our total rewards proposition to provide fair, competitive and equitable compensation.

At least twice a year, we conduct benchmarking across a broad set of industry peers to verify whether our pay practices are market-aligned and transparent. In addition to base compensation, our employees benefit from a wide range of wellness initiatives and incentives to support their success:

## Incentive Plans

We offer short-term and long-term incentive plans as part of our overall compensation strategy to attract, retain and motivate top talent. These programs foster a sense of shared success and ensure employees are directly invested in our continued performance and growth. Our short-term incentive plan is entirely merit-based and considers both company performance and individual contributions.

## 2024 Equity and Incentive Compensation Plan

Most of our employees participate in our long-term incentive plan, which provides direct ownership in BKV. Under our 2024 Equity and Incentive

Compensation Plan, we can issue up to 5,000,000 shares of our common stock, subject to adjustment. Read more about our 2024 plan in our Form 10-K.

## Employee Stock Purchase Plan (ESPP)

Also launched before the IPO, the ESPP allows eligible employees to buy company stock through payroll deductions, up to 10% of their eligible compensation. A total of 500,000 shares are available under this plan. Read more about our 2024 plan in our Form 10-K.

## Diversity & Inclusion

**We continuously evaluate and enhance our D&I programs to ensure they align with our strategic goals. This is an ongoing effort—one that requires consistent engagement to foster meaningful impact.**

Celebrating the diversity of our workforce fosters belonging, respect and innovation. These qualities are vital to our long-term success as a business. From our Board and Executive Leadership team to our frontline employees, we continue to embrace diverse backgrounds, perspectives and experiences that make us stronger and more resilient. By recognizing and unlocking the full potential of our workforce, we not only cultivate a more inclusive culture but also drive better decision-making, creativity and performance.

### Equal Opportunity for All

We are committed to providing equal opportunity for all employees and consultants, regardless of race, religion, gender, sexual orientation, age, ethnic or national origin, social origin, disability, family status or any

other protected status and personal characteristics, for all aspects of employment. This commitment extends to recruitment and talent attraction, training and professional development opportunities, promotions and all employee benefits.

Our commitment to this is underscored through our Employee Code of Conduct, Employee Handbook and core workplace training. Employees have access to a wide range of learning modules through our Learning Management System, which covers key topics including:

- Discrimination-Free Workplace
- Unconscious Bias – Promoting Fairness in the Workplace
- Workplace Harassment
- Workplace Violence and Abusive Conduct

We partner with Navex Global, a software company, to track training participation and administer a confidential reporting hotline. This hotline allows employees and stakeholders to raise concerns safely and anonymously. Read more information in the Compliance Hotline section of the report.

### Local Hiring

We prioritize local hiring for employees and contractors, particularly within our field operations. By investing in local talent, we create meaningful employment opportunities, foster economic growth and build lasting relationships that benefit our business and the communities in which we operate.

# Building career pathways in Pennsylvania.

In 2024, BKV's Pennsylvania team deepened its connection with the community by partnering with a local community college to expand internship opportunities and support career development programs for students exploring their futures.

This collaboration was designed not just to offer work experience, but to open doors. Through hands-on learning, skill-building, and exposure to fulfilling

local career paths, the initiative helped students gain confidence in shaping their next steps.

The effort also reflects BKV's long-term investment in the local workforce. By engaging students early in their academic journey, we're helping develop the next generation of energy professionals and building a pipeline of talent rooted in the communities where we operate.

## CASE STUDY





## Employee Resource Group

We continue to thoughtfully support our employees as they find opportunities to connect, build relationships and foster a stronger sense of community.

### Women Who Work

Founded in 2021 by a group of female employees seeking connection and mutual support, Women Who Work has grown into a thriving network focused on dialogue, mentorship and celebration. Members meet regularly for professional development sessions, guest speakers and both in-office and off-site social events.

### Mentorship

We launched a mentorship initiative designed to support professional growth, expand networks and create access to new coaching opportunities. As of 2024, the program has grown to include around 20 mentor-mentee pairs, with mentors selected by employees to serve as senior-level leaders at BKV.



# Human Rights

Respecting human rights is fundamental to how we operate, extending to every employee, contractor and partner across our business and supply chain.

## Human Rights Policy

Our Human Rights Policy is grounded in the principles of the UN Declaration of Human Rights and the UN Guiding Principles on Business and Human Rights. It applies to all employees, suppliers, partners and contractors, including security personnel. Each of these entities is required to review and adhere to its standards, in addition to our Code of Business Conduct and Ethics.

Our employees achieved a 100% training compliance rate for our Code of Business Conduct and Ethics Policies. Employees understand that failure to uphold the practices and values outlined in these policies may result in consequences, including potential

termination of employment. These frameworks are designed to reinforce the integrity of our business practices and reflect our commitment to protecting the rights and well-being of our workforce.

We continue to monitor the effectiveness of our human rights policy to ensure alignment with the dynamic rights of our workforce.

## Compliance Hotline

BKV's Ethics and Compliance Hotline serves as a formal whistleblower channel and grievance mechanism for employees, suppliers, third-party partners and community members. Hosted by a third-party provider, NAVEX Global/EthicsPoint, our hotline supports anonymous reporting and ensures confidentiality.

This system helps us uphold a workplace culture rooted in equality, mutual respect and accountability. It empowers individuals to raise concerns related to unethical behavior, compliance issues or diversity and inclusion, reinforcing our commitment to integrity across all areas of our business. We take every submission seriously, fulfilling our legal obligations to investigate and respond with appropriate action.

## Community Impact Assessments

We prioritize building meaningful community-based relationships by actively listening to and addressing the unique needs of the communities where we operate. Through ongoing collaboration, we strengthen our long-term partnerships, support local resilience and promote the sustainability of our operations while minimizing both immediate and potential long-term impacts.

- Prior to settling in new areas, we conduct a community impact assessment in accordance with the principles of Free, Prior and Informed Consent (FPIC) for all locations where we have operations. We also leverage FPIC best practices stipulated by the International Human Rights Guidelines for these assessments and during operations.
- We have an established Indigenous Peoples' Policy that guides our efforts to reduce our impacts on Indigenous people, practices and traditions. When we initiate operations in a new area, we conduct an initial site analysis. Through this analysis, we identify and avoid establishing operations in high conservation areas such as World Heritage sites or areas of cultural significance.

- Whenever possible, we support local suppliers and prioritize regional purchasing in alignment with our Local Procurement Policy.

BKV maintains open lines of communication with our communities and landowners by providing accessible reporting channels and actively encouraging contact through phone and email. For example, our Ethics and Compliance Hotline offers a confidential platform for community members to voice concerns about potential unethical behavior. All reports submitted through the hotline are thoroughly documented and promptly escalated within the company for appropriate follow-up.



## Landowner Relations

To foster strong, transparent relationships with landowners and royalty owners, we established a structured feedback process designed to proactively address any concerns before they escalate.

A key part of this effort is our Owner Relations Hotline, a dedicated platform for inquiries, feedback and open dialogue. The hotline is actively monitored, and all submissions are escalated to the appropriate BKV Internal Land team within 24 business hours. While most concerns are resolved quickly, we personally follow up on any inquiries requiring additional time and attention.

Further, to ensure landowners have a consistent voice, we distribute an annual Owner Relations Survey and keep it available year-round on our Owner Relations webpage. In addition to these resources, our Ethics and Compliance Hotline remains open to all community members for confidential reporting.

We leverage our partnership with Enverus, the global leader in energy data analysis and SaaS technology, to strengthen transparency and responsiveness in our landowner engagement. Using Enverus' industry-standard platform, EnergyLink, we maintain consistent communication on joint interest billings, land invoices and revenue and royalty statements. Additionally, we use Enverus tools to manage a database of landowner feedback. This allows us to categorize and prioritize concerns, monitor our response methods and track resolution

time to ensure issues are addressed efficiently and effectively.

Our Land, Community Relations and Communications teams work closely together to provide timely updates on current and upcoming operational activities. To support this effort, we've developed a user-friendly website that serves as a centralized resource for landowners and nearby residents. This platform provides clear information on the scope of work, project timelines, potential impacts and the mitigation measures we've implemented to reduce disruption. By prioritizing open communications, we foster trust and strengthen our relationships with the communities where we operate.





# Social Investment

In 2024, BKV contributed over \$160,000 in social investments to support our local communities.

## BKV Community Investment Pillars

PILLAR NAME	PILLAR DESCRIPTION
Community Enhancement	Programming and events intended to build community and foster community growth
Education	K-12 education support (emphasis on STEM)
Emergency Response & Preparedness	Local emergency responder support
Environment & Conservation	Sustainability-aligned environmental and conservation efforts, research and programming
Military & Veteran Support	Programs that help military service members during and after their service
Social Services	Services intended to aid disadvantaged, distressed or vulnerable persons or groups

## Community Investment Framework

BKV’s core value, Do Good, drives how we engage with our communities and external stakeholders. Our primary goal is to support our communities through positive, impactful efforts that serve the specific needs of our local communities. To remain in tune with the values and priorities of local stakeholders, we rely on interactive partnerships with local organizations and community groups

to inform community investments. When making contributions or donations, we leverage our formal Community Investment Process to ensure all contributions align with BKV’s designated community investment pillars.

Our Regional Community Relations Committee assesses all requests for social investments and donations across each of our key operations locations in Colorado, Texas and Pennsylvania.

All corporate-backed donation requests, volunteer opportunities and community investments are overseen and evaluated by these committees. Their review process is ultimately intended to uphold the value, transparency and alignment of our contributions to the company’s ethos, guided by our six community investment pillars.

## BKV Community Relations Committee

### Contribution Request

- All initial requests sent to Community Relations (CR) team member or regional CR lead
- Reviewed by CR Manager/CR Lead to determine if request complies with company CR policy
- Recommendation added to monthly CR meeting approval matrix for CR Committee meeting

### Community Relations Committees

- CR Committees formed regionally, as determined by CR Manager, Chief Human Resource Officer (CHRO) and CEO
- Committee rosters designated by CR
- Manager, regional CR Lead and VP Operations or an appropriate leader, from each office
- CR Committee meets monthly to review donation requests, volunteer opportunities, etc.
- CR Committee can approve donation requests up to \$25,000
- CR Committee must work within predetermined guidelines

### Sustainability SteerCo

- For requests over \$25,000, approval must be given from CR Manager, VP Operations (Barnett, NEPA), appropriate senior leader (Denver) and Sustainability SteerCo
- CR Manager will present appropriate \$25,000+ requests to Sustainability SteerCo at scheduled monthly meetings

### Contribution Execution

- CR Manager or regional CR lead will communicate contribution request status to requesting organization and facilitate contribution fulfillment
- CR Manager and regional CR lead will own community investment budget for their designated office and will track spend by pillar



The Regional Community Relations Committee can approve donation requests up to \$25,000. Any investments or donation requests exceeding \$25,000 are overseen by the Community Relations Manager, VP of Operations and the Sustainability Steering Committee. Each year, all contributions and social investments are compiled and reviewed together to gain insight into our overall social impact and ensure that they generate a meaningful impact.

### Amplifying Generosity Through Matching

Through our Donation Matching Program, BKV offers employees dollar-for-dollar matching on charitable contributions. Initially launched in 2022 as an annual event, this program has been met with overwhelming success

and employee engagement over the past two years, so much so that we have extended donation matching to be a year-round offering.

Through our employee giving platform, BKV employees can provide financial contributions to qualified 501(c)(3) organizations, which BKV will match up to \$500 for the selected agency. This program encourages our workforce to support initiatives that resonate with them. In 2024, BKV employees donated over \$35,000 to local agencies.

### Strengthening Emergency Response Through Local Grants

BKV supports local first responders and emergency services through a dedicated grant program that helps departments meet critical needs, from upgrading life-

saving equipment to expanding access to specialized training.

In 2024, we received valuable feedback from recipients on how the funding has directly strengthened their capabilities in the field. Grants have supported a range of efforts, including purchasing medical supplies, protective gear and communication tools critical to effective response.

From rural volunteer fire departments to local EMS teams, these partnerships are helping build stronger and more resilient emergency networks. At BKV, safety is a shared priority. We're proud to support the first responders who work every day to protect the places we call home.



# Advancing STEM education through Barnett Zero.

## CASE STUDY

As part of our ongoing community engagement, BKV's Community Relations team met with the Bridgeport ISD Superintendent, Bridgeport High School Principal and the Bridgeport ISD Education Foundation to discuss our upcoming carbon capture project, current district-wide challenges and new initiatives to expand student opportunities.

A shared interest quickly emerged: launching a robotics program to inspire early interest in STEM. Recognizing the potential, BKV

awarded the Bridgeport ISD Education Foundation a \$20,000 STEM grant during the ribbon-cutting ceremony at our Barnett Zero project site.

The grant supported the creation of a robotics club for elementary school students, providing hands-on exposure to engineering, math and practical skills to further their education in STEM. The club has already participated in the VEX IQ competition and continues to gain momentum. Plans are now underway to expand the program to Bridgeport Middle School in the fall.

At BKV, education is a cornerstone of long-term community resilience. By supporting programs like this, we're helping equip the next generation with the skills and the confidence to shape the future.





## Doing Good During National Volunteer Week 2024

As part of our commitment to community impact, BKV employees participated in National Volunteer Week 2024 across Colorado, Texas and Pennsylvania to give back to the communities we're proud to call home. From supporting local schools to helping those in need, these efforts reflect our Do Good value in action and emphasize the role of local engagement in supporting a more sustainable and connected future.

- In Colorado, volunteers revitalized Pascual LeDoux Academy's outdoor space, creating a more welcoming atmosphere for students. At our Denver office, employees also assembled Blessing Bags for the Denver Rescue Mission, providing essential items to those in need.

- In Texas, employees supported the Tarrant Area Food Bank by sorting donations for efficient distribution. Others joined cleanup initiatives at Bridgeport Intermediate School and Bridgeport Elementary School, helping to create safer, cleaner learning environments.
- In Pennsylvania, our team participated in a local highway cleanup to improve safety and visibility in a frequently traveled area, making a visible difference where we live and work.

Across all locations, our people showed up with purpose, contributing over 150 hours of service. It was a powerful reminder that when we work together, we can Do Good at a meaningful scale.



VOLUNTEER  
WEEK



We're committed to the communities where we live and work. By listening and addressing local needs, we build resilience and minimize immediate and potential long-term impacts.

## Volunteerism

**In 2024, our employees dedicated over 500 hours of community service through this program, contributing to BKV's broader meaningful impact in the communities where we operate.**

We believe that investing in the quality of life in the communities where we live and work builds trust, fosters goodwill with stakeholders and strengthens our long-term resilience as a company. To support this commitment, BKV actively encourages employee volunteerism by offering opportunities for team members to step away from their daily responsibilities and give back to their communities in meaningful ways.

Each year, we develop a calendar of regional volunteer opportunities for employees, focusing on initiatives that align with our six community investment pillars. To make giving back even easier, we launched a company-wide volunteer program that centralizes opportunities and information and simplifies tracking hours. Our platform, "Your Cause," helps connect employees to causes they care about. It also helps improve the visibility of our volunteer events and track individual volunteer hours among

employees, allowing us to celebrate the collective impact of our teams. Looking ahead, we are working to formalize our Volunteer Time Off (VTO) program in 2025, strengthening community ties while expanding our collective impact.





## GOVERNANCE



ASSESS.  
ALIGN.  
ADVANCE.



# ASSESS. ALIGN. ADVANCE.

## GOVERNANCE

Strong principles keep us accountable and effective. With steadfast governance and strategic guidance from our Board, we stay aligned with our mission, anchored in our values and focused on creating long-term value for our stakeholders.

# ASSESS. ALIGN. ADVANCE.



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We've set our sights on some ambitious goals. Achieving them requires process, discipline and benchmarks. This has been our approach since day one, which could explain how we've accomplished so much already.

# Corporate Governance

Strong governance has always been central to our sustainability program, anchoring our commitment and accountability. As a privately held company, we prioritized oversight and transparency, and we have only strengthened our focus on growth, values and long-term value creation for shareholders since going public in September 2024. The foundation of our governance programs can be found in the public-facing documents located on our website [here](#).

BKV's Board members hold extensive expertise that helps support our core objectives while promoting our mission, vision and values. The Board meets monthly to assess company-wide progress and offer guidance, including sustainability matters and specific initiatives tied to our broader sustainability efforts.

You can find our 10-K and Proxy on our [website](#).





# A bold idea goes public.





While BKV's IPO in the fall of 2024 on the New York Stock Exchange was a significant and transformational milestone, it was also a validation of the company's unique approach to business and its culture.

BKV seeks to revolutionize the energy sector by blending traditional energy sources, like natural gas, with advanced carbon capture technologies, with a goal of leading in clean energy solutions. Balancing profitability with sustainability is central to the company's mission.

BKV has evolved in a relatively short time from startup to major player in the energy sector. "I set out to create a new kind of energy company, and together we have done that," said BKV CEO Chris Kalnin. "Access to capital markets now gives us a currency to grow. We can demonstrate the value of what we're building."

Value plays a major internal role at BKV as well, as BKV's Chief Corporate Development Officer Ethan Ngo noted. "I've seen rapid growth over the past 10 years, but our values—supporting each other, embracing change, doing good—they've been a constant. They inspire us to ask first-principles questions, like 'Why are we doing this?' That's the basis of innovation."

### **The IPO had been a long process, one that taught us a lot about determination, patience and collaboration.**

Those fundamental questions have led to some bold decisions, like going all in on the Barnett and the XTO acquisition. Because the company has been adept at taking calculated risks, returns have been solid and its bold actions have been justified.

"We're constantly tackling problems, many of which the industry hasn't even tackled yet," said Brad Birkelo, Senior VP of Technical Resources. "Our values provide a support structure to embrace big challenges—to dive in and start knocking down the things that need to be knocked down."

The journey to the IPO had its share of challenges. "It's been a long process, one that's taught us a lot about determination, patience and collaboration," said David Tameron, Chief Financial Officer, "BKV is a very type-A, hardworking culture. It's very competitive, but everyone pulls together when they need to. Having worked on Wall Street, I know that's a rare thing."

"It's like driving a Ferrari," said Birkelo. "Even when you're going fast, it doesn't feel like it because the vehicle is so well put together. That's what our team is like."

Now public, the company is well-capitalized to shift into high gear. "There are so many opportunities in Texas alone," said Sinon Vongkusolkrit, who sits on BKV's Board of Directors. "There's the growth of data centers driving energy demand. BKV is prepared on the gas side. Through the Power JV, we have support on the power side. And we're a pioneer in CCS. We are uniquely positioned to lead the energy transition."

BKV is seeking—and striking—that perfect balance between delivering clean and profitable energy while taking care of the environment. "As a father of six kids, I absolutely care about the future. I believe global warming is happening, and we want to do something material and beneficial to the planet," said Kalnin. "It's incredibly challenging, but I've learned that hard work leads to good results. It's true."

## Board Composition

The Board consists of the Audit & Risk Committee, Compensation Committee and Nominations & Governance Committee, each with unique responsibilities which are formally outlined in our committee charters.

### Audit & Risk Committee

Our Audit & Risk Committee provides oversight of cybersecurity risk in connection with BKV's cybersecurity strategy. The committee receives regular quarterly updates on our ongoing assessment of cybersecurity risks, threats and data security programs to prevent and detect breaches and attacks against BKV.

The Chief Information Officer (CIO) and other experts, as necessary, provide the Audit & Risks Committee quarterly

updates that encompass a broad range of topics, including but not limited to:

- Current cybersecurity threat landscape and emerging threats;
- Status of ongoing cybersecurity initiatives and strategies;
- Incident reports and learnings from unique cybersecurity events, including those of other companies;
- Compliance status and efforts with regulatory requirements and industry standards; and
- Benchmarked data on the performance of certain aspects of our cybersecurity program relative to our peers.

The Audit & Risk Committee meets quarterly to discuss areas that are potentially high risk to the company.

### Compensation Committee

The Compensation Committee is responsible for determining and annually reviewing compensation for the C-suite, as well as executives and other senior management who report to the CEO or designated officers. Additionally, the Compensation Committee will approve and advise the Board on all compensation plans, policies and programs of the company, including, for the avoidance of doubt, salary, bonus, equity and other benefits.

The Committee meets at least three times a year and provides the Board with regular reports on its performance.



### **Nominations & Governance Committee**

The Nominations & Governance Committee provides guidance to the Board regarding corporate governance matters, the selection and evaluation of Board members, the annual performance review of the Board and its committees and any other functions assigned to the Committee by the Board.

The Committee meets at least annually, or as needed, and provides the Board with regular reports on its performance.

## BKV Board of Directors Skills Matrix

	Risk Management	Energy Industry Experience	Financial Experience	EHSR	Executive Leadership	Geology & Engineering	M&A Strategy & Execution	Operational Experience
Somruedee Chaimongkol	✕	✕	✕	✕	✕		✕	✕
Joseph Davis		✕		✕	✕	✕	✕	✕
Akaraphong Dayananda	✕	✕	✕		✕	✕	✕	✕
Christopher Kalnin		✕	✕		✕		✕	✕
Kirana Limpaphayom	✕	✕			✕		✕	
Carla Mashinski	✕	✕	✕		✕		✕	✕
Thiti Mekavichai	✕	✕		✕	✕	✕	✕	✕
Charles Miller			✕		✕		✕	✕
Sunit Patel		✕	✕		✕	✕	✕	✕
Anon Sirisaengtaksin		✕		✕	✕	✕	✕	✕
Chanin Vongkusolkit	✕	✕		✕	✕		✕	✕
Sinon Vongkusolkit		✕	✕		✕	✕	✕	✕



## BKV Executive Management Team



**Chris Kalnin**  
Chief Executive Officer



**Eric Jacobsen**  
President, Upstream



**Lindsay Larrick**  
Chief Legal Officer & Chief  
Administrative Officer



**Ethan Ngo**  
Chief Corporate  
Development Officer



**Lauren Read**  
Senior Vice President,  
dCarbon Ventures



**Dilanka Seimon**  
Chief Commercial  
Officer



**David Tameron**  
Chief Financial  
Officer



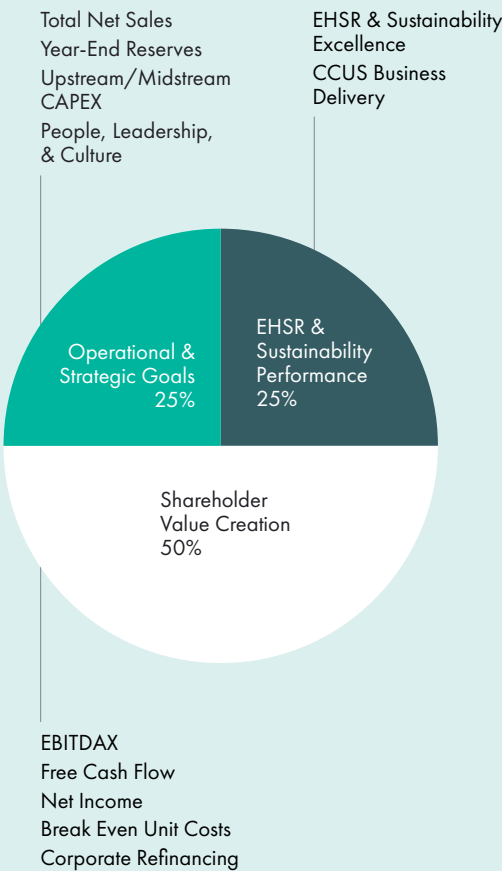
**Rita Valais**  
Chief Information  
Officer

# Our Incentive Program & STIP Goals

Our short-term incentive program (STIP) incorporates sustainability-focused initiatives as a component of executive compensation. Some EHSR & Sustainability targets are linked to the performance of the entire executive committee, while others are tailored to specific individuals within the executive committee. Additionally, our sustainability commitments are not limited to executive leadership—they are integrated across the organization to ensure that our priorities are reflected company-wide.



## BKV STIP Goals



## Compliance, Business Ethics & Professional Conduct

Ethical business practices form the foundation of all our decisions and strategic initiatives. We commit to upholding integrity and professionalism across each area of our growing business. Our Code of Business Conduct and Ethics serves as a guide to promote best practices while instilling our core values, such as integrity, dedication and transparency, among our employees. Both the Board and the Audit & Risks Committee of our Board have responsibility for oversight of compliance, ethical standards and professional behavior.

Every BKV employee is expected to:

- Always be professional, honest and ethical in everything they do on behalf of BKV.
- Know the BKV Code of Conduct, having read the standards carefully.
- Ask questions if they are unsure about the right course of action, in any scenario.
- Report any concerns as they are identified.
- Cooperate fully and honestly when responding to an investigation or audit.
- Be accountable for their actions.

Our Code of Business Conduct and Ethics addresses a range of critical topics, such as:

### Workplace Environment:

- Diversity and anti-harassment
- Safety and security
- Protecting systems and resources
- Privacy and personal information

### Business Practices:

- Confidential information
- Conflicts of interest
- Gifts and entertainment
- Public communications and accurate records

### Responsible Corporate Citizenship:

- Social responsibility
- Anti-corruption and bribery
- Insider trading and political activity

To read our Code of Business Conduct and Ethics in full, [click here](#).

In 2024, BKV implemented and updated several policies, including a Related Party Transactions Policy, Delegation of Authority Policy and an Insider Trading Policy.



### Business Conduct and Ethics

We maintain a firm zero-tolerance stance on harassment, discrimination, bullying and any form of violence or threats of violence. Our employees are expected to act with integrity, follow ethical practices and adhere to all applicable laws and regulations, as documented in our Code of Business Conduct and Ethics. It outlines expectations for each employee, officer and director to behave in a just and ethical manner and immediately report instances that may conflict with the guidelines. We trust our teams to take care of company property, report faulty equipment and ensure all resources are used appropriately. Additionally, each employee is responsible for maintaining the privacy and security of personal information. [Our Ethics and Compliance Hotline](#), previously mentioned, offers a confidential way

for employees to ask questions or raise concerns related to ethical behavior and compliance.

The anti-corruption and bribery section of our Code contains guidance, definitions and examples of activities like bribery, kickbacks, facilitation payments and other corrupt practices for employees. It is our intention to operate in full compliance with anti-corruption laws, including the U.S. Foreign Corrupt Practices Act of 1977 (FCPA). The Code enforces a strict no-bribes policy and urges employees to be diligent when engaging third parties, maintain accurate records and report any suspicious activity.

Insider trading is strictly forbidden in relation to any publicly traded company with which we do business. While we support employees' rights to participate in the political process

in accordance with the law, company assets must not be used for political purposes. Employees must ensure that any political views expressed are their own and not representative of BKV.

### Ethics & Compliance Hotline

The Ethics and Compliance Hotline is hosted by a third-party provider, Navex Global/EthicsPoint. The Ethics & Compliance Hotline is our formal whistleblower platform open to all employees, suppliers, third-party partners and community members as a grievance mechanism. If the submitting party wishes to do so, they can file complaints completely anonymously. Per our legal and ethical commitments, each submission is thoroughly investigated and addressed with the necessary actions to remediate the situation. The hotline and our relevant practices are intended to establish a



culture in which our employees, and external stakeholders, are empowered to voice concerns around unethical conduct, compliance issues and other workplace matters with confidence that BKV will take action to promote an equal and respectful workplace where the rights of our workers are our primary priority.

BKV's Legal and HR teams assess all complaints as they are submitted. The Legal and HR team brief the Audit & Risks Committee quarterly, providing insight into hotline submissions and the action taken to resolve the given issue.

### **Ethical Behavior Training**

Employees, suppliers, third parties and contractors (including security providers) are required to certify that they have read and completed training on BKV's Code of Business

Conduct and Ethics. All employees and contractors are also required to participate in additional training concerning business ethics related to their functions.

BKV yielded 100% compliance in the following:

- Anti-Bribery and Corruption Basics for Business Partners
- Data Privacy and Cybersecurity
- Use of Assets and Technology: Protecting Organizational Assets
- Use of Assets and Technology: Confidential Information
- Conflicts of Interest
- Gifts, Entertainment and Hospitality





## Enterprise Risk Management

BKV's Enterprise Risk Management (ERM) framework encapsulates our company's sustainability strategy and is intended to address the risks and opportunities relevant to our company.

### Risk Strategy and Oversight

BKV's Board of Directors provides active oversight of our ERM activities, evaluating strategies through the lens of our core values, operational capabilities, long-term goals and the broader competitive landscape. To promote effective risk governance, the Board supports the implementation of robust policies and clearly defined procedures that guide risk identification and process controls.

## Embedding Risk Mitigation in Our Culture

At BKV, risk mitigation isn't an afterthought—it's embedded in how we operate, innovate and grow. Our culture emphasizes proactive risk identification and ownership at every level of the organization, from senior leadership to frontline teams. This shared accountability ensures that both operational and sustainability-related risks are managed with intention, clarity and resilience.

### Structured Risk Management Approach

We've implemented a standardized and reliable risk management framework that supports consistent application across the business. This approach covers the full risk lifecycle,

from identifying and evaluating risks to mitigating, monitoring and reporting them. We also set defined risk objectives to guide our decisions and actions.

### Leveraging Technology for Smarter Risk Decisions

By incorporating advanced technology into our risk management program, we empower leadership with timely, data-driven insights. These tools enhance our ability to conduct precise, comparable risk assessments and support informed, strategic decision-making.

## Digital Transformation

Data and modern analytics are a cornerstone of BKV's operational strength and success. We've continued to progress our systems and data platforms to increase efficiency at every level of operations. While expanding our data platforms, our information security practices and solutions have become increasingly established to prevent potential cyber risks or threats.

Our CIO provides expertise and overall management of BKV's information systems as well as data and analytics. The CIO works collaboratively with our Manager of Cybersecurity and our Information Technology and Data Management groups to ensure all areas of the business are monitored and protected.

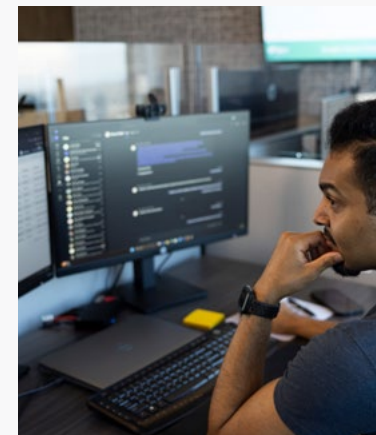
The Infrastructure and Service Desk teams report to the Manager of Technology Operations & Cybersecurity, while the Data Management team reports to the Vice President, Digital Innovation. These teams collaborate across the organization, providing essential support to internal departments through a modern, cloud-based data platform that enables Business Intelligence tools and Data Science applications.

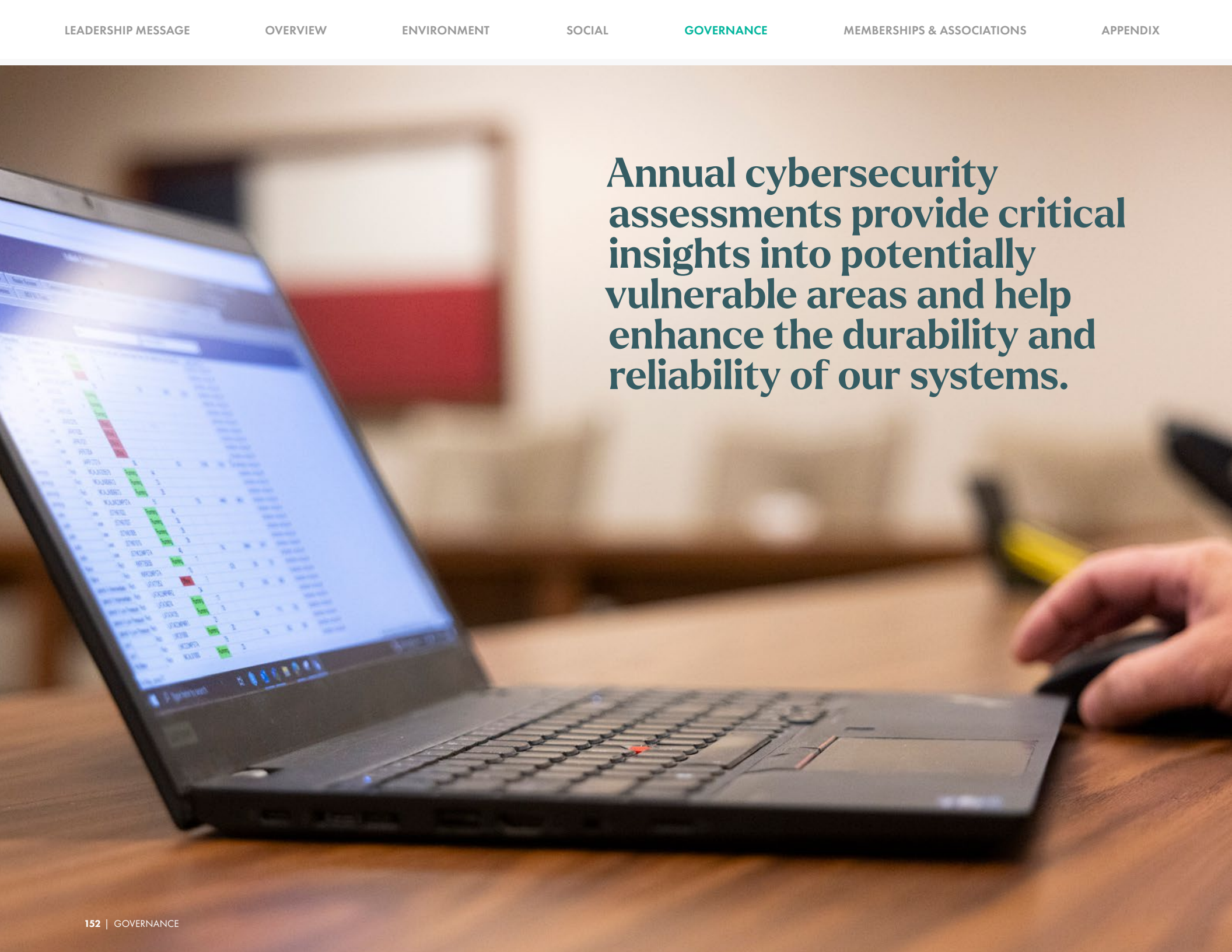
### Information and Cybersecurity

Our information security program is built on best practices used to safeguard confidential and critical information in adherence to our Cybersecurity Policies, covering Cybersecurity Incident Response Plan, Ransomware Policy and SEC Cybersecurity Reporting Procedure. Our cybersecurity

practices are overseen at the Board level, specifically under our Audit & Risks Committee. The Audit & Risks Committee is responsible for monitoring risks associated with cyber and data security and ensuring that management is taking the necessary steps to properly manage and mitigate risks while complying with all SEC regulations.

The CIO works alongside leaders in technology operations to build out effective cybersecurity solutions. Our cybersecurity management provides ongoing surveillance of cyber-related risks, while actively improving our systems if opportunities or new risks are identified. With such tools, our team is able to proactively evaluate and protect against risks as they arise.





**Annual cybersecurity assessments provide critical insights into potentially vulnerable areas and help enhance the durability and reliability of our systems.**



In addition, we leverage external experts to conduct annual cybersecurity assessments. These assessments provide critical insights into potentially vulnerable areas and help enhance the durability and reliability of our systems.

The following are areas of improvement from our 2024 assessment:

- Directory Services, IAM & PAM
- Email Security & Configuration

### **Maintaining Best Practices**

To enable organization-wide data resilience, our backup policy mandates that essential server data is securely stored in Amazon Web Services, which provides storage that is dependable and scalable. User data is also backed up through a trusted third-party provider as an additional security layer. Our

dual-backup strategy enables rapid recovery in the event of an incident.

All employees are required to complete information security training, which provides guidance on best practices for information security. We expect that all contractors adhere to standards of a similar caliber and complete relevant cybersecurity training. This training informs our employees and contractors of expectations and practices to prevent phishing attacks, fraud, malware and other risks by minimizing unnecessary access to sensitive information. Further, we hold cybersecurity incident response drills annually, at a minimum, to assess the readiness of our systems and staff to respond appropriately to potential cyber incidents. If our assessment indicates areas of weakness, we will evaluate the issue and methods to mitigate it in the future.





# Memberships and Associations

- One Future Coalition
- Texas Oil & Gas Association\*
- American Exploration & Production Council
- Azle Chamber of Commerce
- Bridgeport Chamber of Commerce
- Decatur Chamber of Commerce\*
- Denver Metro Chamber of Commerce
- Fort Worth Chamber of Commerce
- Greater Susquehanna Valley Chamber of Commerce
- Metroport Chamber of Commerce\*
- Natural Gas Innovation Network
- Wise County Chamber of Commerce
- Wyoming County Chamber of Commerce

\* BKV employee holds a committee or board of director position.

# Appendix

## Business Performance and Production

	Units	2021	2022	2023	2024
<b>Exploration and Production</b>					
Gross Annual Production	Bcfe	488.6	532.6	642.0	535.5
Total Net Equity Hydrocarbon Production	Thousand Mcfe/D	673.7	765.9	848.5	788.0
Total Operated Hydrocarbon Production	Thousand Mcfe/D	232.9	303.3	348.7	286.3
Proved Reserves (Total)	TCFE	4.4	6.1	4.1	4.9
Reserve Life	Years	18.1	19.3	13.2	17.1
Replaced Production (Excluding Asset Sales)	%	735%	706%	(-659%)	-
<b>Business Performance</b>					
Annual Revenue	\$ Million	\$889.50	\$1,660.20	\$741.50	\$615.10
Total Assets	\$ Million	\$1620.80	\$2,862.00	\$2,820.30	\$2,385.10
Total Debt (Including Finance Lease Obligations)	\$ Million	\$181.40	\$729.00	\$654.10	\$165.00
Total Equity	\$ Million	\$671.10	\$1,044.00	\$1,290.80	\$1,559.60
Debt to Capitalization Ratio <sup>1</sup>	%	21%	41%	34%	10%
<b>Selected Economic Metrics</b>					
Capital and Exploration Expenditures	\$ Million	\$66.20	\$248.40	\$192.60	\$100.90
Income Tax Expense / (Benefit)	\$ Million	\$(40.50)	\$62.70	\$28.23	\$(43.60)
Employee Wages and Benefits (U.S.)	\$ Million	-	\$78.60	\$70.77	\$66.50
Cash Dividends Paid to Shareholders	\$ Million	\$98.50	-	-	-
Interest Expense Before Income Taxes	\$ Million	\$2.40	\$37.20	\$77.00	\$50.80
Operating Costs	\$/Mcfe	-	\$2.60	\$2.60	\$2.50
Supplier Spend (Approximate)	\$ Million	-	\$708.83	\$685.69	\$552.25
Total Social Investment ☒	\$ Million	\$0.14	\$0.18	\$0.18	\$0.17
Nitrogen Oxides (No <sub>x</sub> ) Taxes	\$ Million	-	-	-	-

<sup>1</sup> Previously reported values for calendar year 2021 were updated.

All environmental metrics were compiled by BKV Corporation using the best available data at the time of publication. Historical metrics are subject to change in future reports as we seek to continuously refine and improve our calculation and tracking methodologies to provide the highest level of transparency and accuracy.

## Emissions Management

Emissions Management	Units	2021-GHG+ & AR5	2022-GHG+ & AR5	2023-GHG+ & AR5	2024-GHG+ & AR5	SASB	GRI
Scope 1 and Scope 2 GHG Emissions							
Scope 1 Emissions	Million tonnes CO <sub>2</sub> e	2.81	2.15	1.67	1.03	EM-EP-110a.1	305-1
CO <sub>2</sub>	Million tonnes CO <sub>2</sub> e	0.74	0.61	0.66	0.71	-	305-1
CH <sub>4</sub>	Thousand tonnes CO <sub>2</sub> e	2,067	1,546	1,102	321	-	305-1
N <sub>2</sub> O	Thousand tonnes CO <sub>2</sub> e	0.5	0.5	0.5	0.5	-	305-1
Scope 1 by Source		-	-	-	-	-	-
Flaring/Venting	%	49%	50%	46%	16%	-	-
Fuel Combustion	%	29%	29%	36%	68%	-	-
Other	%	22%	21%	17%	16%	-	-
Gross Scope 1 GHG Emissions from Flared Hydrocarbons <sup>1</sup>	Tonnes CO <sub>2</sub> e	432.12	0	74.16	377.37	EM-EP-110a.2	-
Gross Scope 1 GHG Emissions from Other Combustion <sup>2</sup>	Tonnes CO <sub>2</sub> e	825,340	624,378	638,642	696,749	EM-EP-110a.2	-
Gross Scope 1 GHG Emissions from Process Emissions <sup>3</sup>	Tonnes CO <sub>2</sub> e	415,952	120,821	102,016	151,644	EM-EP-110a.2	-
Gross Scope 1 GHG Emissions from Other Vented Emissions <sup>4</sup>	Tonnes CO <sub>2</sub> e	1,416,039	1,079,356	812,227	165,003	EM-EP-110a.2	-
Gross Scope 1 GHG Emissions from Fugitive Emissions <sup>5</sup>	Tonnes CO <sub>2</sub> e	214,311	327,878	202,356	15,688	EM-EP-110a.2	-
Methane Emissions (NGSI) <sup>6</sup>	Tons CH <sub>4</sub>	70,361	54,032	38,220	10,354	-	-
Methane Emissions Intensity NGSI <sup>7</sup>	% (Production/G&B)	-	-	-	-	-	-
Methane Emissions Intensity NGSI	% Production, CY2023	-	0.90%	0.65%	0.17%	-	-
Methane Emissions Intensity NGSI	% GB, CY2023	-	0.056%	0.053%	0.067%	-	-
Methane Emissions Intensity NGSI	% Gas Processing, CY2023	-	0.09%	0.07%	0.17%	-	-

Emissions data is reflective of BKV Corporation owned and operated upstream and midstream businesses. All environmental metrics were compiled by BKV Corporation using the best available data at the time of publication. Historical metrics are subject to change in future reports as we seek to continuously refine and improve our calculation and tracking methodologies to provide the highest level of transparency and accuracy.



	Units	2021-GHG+ & AR5	2022- GHG+ & AR5	2023-GHG+ & AR5	2024-GHG+ & AR5	SASB	GRI
<b>Scope 1 and Scope 2 GHG Emissions (continued)</b>							
Methane Emissions Intensity	%	74%	78%	63%	31%	EM-EP-110a.1	-
Scope 2 Emissions <sup>8</sup>	Tonnes CO <sub>2</sub> e	23,915.8	18,330	14,131	11,636	-	305-2
CO <sub>2</sub>	Tonnes CO <sub>2</sub> e	23,808.6	18,248	14,072	11,592	-	305-2
CH <sub>4</sub>	Tonnes CO <sub>2</sub> e	44.7	34.2	25.1	19.0	-	305-2
N <sub>2</sub> O	Tonnes CO <sub>2</sub> e	62.59	48.0	34.0	25.1	-	305-2
Scopes 1 and 2 GHG Emissions Intensity	Tonnes CO <sub>2</sub> e/ thousand BOE	45.4	35.3	28.8	18.9	-	305-4
Scope 3 Emissions <sup>9</sup>	Million tonnes CO <sub>2</sub> e	19.4	17.9	18.7	17.0	-	305-3
<b>Enterprisewide Air Emissions (Excludes GHGs)<sup>10</sup></b>							
Sulfur Dioxide (SO <sub>2</sub> )	Tons	0.5	2.0	2.3	2.1	EM-EP-120a.1	305-7
Nitrogen Oxides (NO <sub>x</sub> )	Tons	85	533	394	315	EM-EP-120a.1	305-7
Volatile Organic Compounds (VOC)	Tons	12	562	477	394	EM-EP-120a.1	305-7
Particulate Matter	Tons	2.1	30.0	9.1	5.4	EM-EP-120a.1	305-7
<b>Flaring</b>							
Volume of Flared and Vented Hydrocarbons	MMSCF	3.4	0.02	0.8	0.9	EM-EP-110a.2	-
Other	MMSCFD	0	0	0	0	-	-
Flaring Intensity*	SCF/BOE	0.005%	0.000%	0.001%	0.002%	-	-
<b>Activity Metrics</b>							
Production	MBOE	63,813	61,508	60,471	54,841	-	-

## Emissions Management Notes

2021	2022	2023	2024
1 GHGRP value accounts for only associated gas venting and flaring under SubPart W.	1 GHGRP value accounts for only associated gas venting and flaring under SubPart W.	1 GHGRP value accounts for only associated gas flaring under Subpart W.	1 GHGRP value accounts for only associated gas flaring under Subpart W.
2 GHGRP value accounts for flare stacks and combustion under SubPart W, GHG+ includes fleet emissions and heaters under 5MMBtu/hr.	2 GHGRP value accounts for combustion under U.S. EPA GHG reporting program (Subpart W and Subpart C). GHG+ includes heaters under 5MMBtu and fleet vehicle fuel usage.	2 GHGRP value accounts for combustion under U.S. EPA GHG reporting program (Subpart W and Subpart C). GHG+ includes other combustion sources such as non-GHGRP combustion, heaters under 5MMBtu/hr and fleet vehicle fuel usage.	2 GHGRP value accounts for combustion under U.S. EPA GHG reporting program (Subpart W and Subpart C). GHG+ includes other combustion sources such as non-GHGRP combustion, heaters under 5MMBtu/hr and fleet vehicle fuel usage.
3 GHGRP value accounts for blowdowns, dehydrator vents, completions and workovers and compressor venting under SubPart W, GHG+ includes pigging, other blowdown and compressor starts.	3 GHGRP value accounts for AGR, dehydrator vents, liquids unloading, completions and workovers, blowdown vent stacks, storage tanks; GHG+ includes NGSi sources not reported under GHGRP and other additional sources to include produced water tanks and NEPA annuli venting.	3 GHGRP value accounts for AGR, dehydrator vents, liquids unloading, completions and workovers, blowdown vent stacks, storage tanks; GHG+ includes NGSi sources not reported under GHGRP and other additional sources to include produced water tanks and NEPA annuli venting.	3 GHGRP value accounts for AGR, dehydrator vents, liquids unloading, completions and workovers, blowdown vent stacks, storage tanks; GHG+ includes NGSi sources not reported under GHGRP and other additional sources to include produced water tanks and NEPA annuli venting.
4 GHGRP value account for pneumatics devices and pumps and well venting under SubPart W, GHG+ includes produced water tanks, working and breathing from oil tanks, liquid loadout and annuli venting.	4 Values account for pneumatics devices and pumps, associated gas venting and compressor seal venting under Subpart W.	4 Values account for pneumatics devices and pumps, associated gas venting and compressor seal venting under Subpart W.	4 Values account for pneumatic devices and pumps, associated gas venting and compressor seal venting under Subpart W.
5 GHGRP and GHG+ values accounts for fugitive emissions under subPart W.	5 Values account for emissions associated with equipment leaks under Subpart W.	5 Values account for emissions associated with equipment leaks under Subpart W.	5 Values account for emissions associated with equipment leaks under Subpart W.
6 NGSi methane sources added to the GHGRP sources include those specified under that protocol.	6 Values represent methane emissions estimated per NGSi protocol.	6 Values represent methane emissions estimated per NGSi protocol.	6 Values represent methane emissions estimated per NGSi protocol.
7 Methane emissions expressed as methane emissions / methane content of natural gas for the production segment and the gathering and boosting segment per ONE Future guidelines.	7 Methane emissions intensity estimated per NGSi protocol.	7 Methane emissions intensity quantified per the NGSi protocol.	7 Methane emissions intensity quantified per the NGSi protocol.
8 Scope 2 emissions are calculated based on EGRID subregional emissions factors multiplied by consumption.	8 Scope 2 emissions are calculated based on EGRID subregional emissions factors multiplied by consumption.	8 Scope 2 emissions are calculated based on current U.S. EPA eGRID subregional emissions factors.	8 Scope 2 emissions are calculated based on current U.S. EPA eGRID subregional emissions factors.
9 Scope 3 emissions are most conservative case based on assumption that all produced fuel is combusted. Other scope 3 emissions such as business travel, etc. are de minimus at this scale.	9 Scope 3 emissions are estimated for Category 11 of the GHG Protocol.	9 Scope 3 emissions are estimated for Category 11 of the GHG Protocol.	9 Scope 3 emissions are estimated for Category 11 of the GHG Protocol.
10 All values are for NEPA only, not required to be reported for TX.	10 Criteria air pollutant estimates represent values reported by Barnett and NEPA as part of the RY2022 emissions inventories.	10 Criteria air pollutant estimates represent values reported by Barnett and NEPA as part of the RY2023 emissions inventories.	10 Criteria air pollutant estimates represent values reported by Barnett and NEPA as part of the RY2023 emissions inventories.
			11 GHGRP values were updated for accuracy after initial submittal to EPA in April 2025.

## Environment

	Units	2021	2022	2023	2024	SASB	GRI
<b>Freshwater Use Barnett</b>							
Groundwater	Million cubic meters	0.0299	3.21	1.34	1.02	EM-EP-140a.1	303-3
Municipal Water	Million cubic meters	0.0011	0.0757	0.008	0.005	EM-EP-140a.1	-
Surface Water	Million cubic meters	0	0.0532	0	0.08	EM-EP-140a.1	303-3
Total Freshwater	Million cubic meters	0.0309	3.3403	1.3525	1.0318	EM-EP-140a.1	303-3
Reused/Recycled (Estimated) ◇	%	20%	0%	0%	0%	EM-EP-140a.1	-
<b>Non-Freshwater Consumed Barnett</b>							
Brackish Water	Million cubic meters	0	0	0	0	EM-EP-140a.1	-
Produced Water	Million cubic meters	0.006	0	0	2.901	EM-EP-140a.1	-
Wastewater	Million cubic meters	0	0	0	0	EM-EP-140a.1	-
<b>Total Volume of Produced Water Barnett</b>							
Amount of Produced Water Discharged	Million cubic meters	0	0	0	0	EM-EP-140a.2	-
Amount of Produced Water Injected	Million cubic meters	1.500	3.192	2.867	2.690	EM-EP-140a.2	-
Amount of Produced Water Recycled	Million cubic meters	0.006	0	0	0	EM-EP-140a.2	-
Volume of Hydrocarbons Discharged to the Environment	Metric tons	0	0	0	0	EM-EP-140a.2	-
<b>Freshwater Use NEPA</b>							
Groundwater	Million cubic meters	0.0005	0.0052	0.001	0.0001	EM-EP-140a.1	303-3
Municipal Water	Million cubic meters	0	0	0	0.001	EM-EP-140a.1	-
Surface Water	Million cubic meters	0.390	1.090	0.440	0	EM-EP-140a.1	303-3
Total Freshwater	Million cubic meters	0.390	1.095	0.441	0.274	EM-EP-140a.1	303-3
Reused/Recycled (Estimated) ◇	%	6%	0%	0%	0%	EM-EP-140a.1	-

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## Environment

	Units	2021	2022	2023	2024	SASB	GRI
<b>Non-Freshwater Consumed NEPA</b>							
Brackish Water	Million cubic meters	0	0	0	0	EM-EP-140a.1	-
Produced Water	Million cubic meters	0	0	0	0.027	EM-EP-140a.1	-
Wastewater	Million cubic meters	0	0	0	0	EM-EP-140a.1	-
<b>Total Volume of Produced Water NEPA</b>							
Amount of Produced Water Discharged	Million cubic meters	0	0	0	0	EM-EP-140a.2	-
Amount of Produced Water Injected	Million cubic meters	0	0	0	0.017	EM-EP-140a.2	-
Amount of Produced Water Recycled	Million cubic meters	0.0247	0.0451	0.0237	0.0236	EM-EP-140a.2	-
Volume of Hydrocarbons Discharged to the Environment	Metric tons	0	0	0	0	EM-EP-140a.2	-
<b>Exploration and Production Discharges</b>							
Produced Water Rejected	Million cubic meters	0	0	0	0	-	-
Cuttings (Produced Using Non-Aqueous Base Fluid) Rejected	Tonnes	0	0	0	0	-	-
Cuttings (Produced Using Non-Aqueous Base Fluid) Recycled	Bbls	0	7,995	0	0	-	-
Dry Cuttings (Onshore Assets) <sup>1</sup>	Tonnes	0	0	10,742	9,075	-	-

### 2024 Notes:

<sup>1</sup> Quantity reported for Dry Cuttings is also included under Waste.

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## Environment

	Units	2021	2022	2023	2024	SASB	GRI
<b>Waste</b>							
<b>Nonhazardous</b>							
Total Solids	Tons	633	10,391	14,028	12,615	-	-
Total Liquids <sup>2</sup>	Tons	7,341	55,492	3,170,739	190,403	-	-
Percentage of Total Waste Recycled or Reused	%	-	59%	1%	94%	-	-
Waste Recycled	Tons	34.80	39,183	27,580	191,188	-	-
Waste to Landfill	Tons	386	10,585	14,360	11,823	-	-
<b>Hazardous</b>							
Total Solids	Tons	0	0	1,171	1,133	-	-
Total Liquids <sup>2</sup>	Tons	0	0	21	19	-	-
<b>Biodiversity and Spills</b>							
Leased or Owned Acreage in Protected Areas		0	0	0	0	-	-
Hydrocarbon Spills - Number	#	1	2	1	1	EM-EP-160a.2	-
Hydrocarbon Spills - Volume	Barrels	42	213	3	2	EM-EP-160a.2	-
Nonhydrocarbon Spills - Number	#	9	12	10	19	-	-
Nonhydrocarbon Spills - Volume	Barrels	152	414	215	699	-	-
<b>Other Environmental Indicators</b>							
ISO 14001-Certified Operations	% of production	0	0	0	0	-	-
ISO 14001-Certified Operations	#	0	0	0	0	-	-
Environmental Fines And Penalties - Operated	\$ Thousand	0	0	0	11	-	-
Environmental Expenditures - Remediation	\$ Million	0.02	0.11	0.05	0.17	-	-

### 2024 Notes:

<sup>2</sup> 2023 and 2024 waste data is reported in metric tons for liquid waste. Prior years data is reported in BBLs.

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## Energy Use

	Units	2021	2022	2023	2024	SASB	GRI
Total Electricity Consumption	Thousand gigajoules	42.8	177.0	145.0	125.2	-	-
Net Purchased Electricity by Primary Energy Source <sup>1</sup>	Thousand MWh	11.9	49.2	40.3	34.8	-	-
Coal	%	16.5%	19.0%	15.3%	17.5%	-	-
Natural Gas	%	49.9%	45.5%	46.9%	46.6%	-	-
Nuclear	%	10.8%	9.3%	9.8%	10.2%	-	-
Conventional Hydroelectric	%	0.4%	0.5%	0.1%	0.2%	-	-
Wind	%	19.8%	21.5%	22.4%	21.2%	-	-
Biomass, Solar, Other Renewables	%	2.2%	3.6%	4.8%	3.6%	-	-
Petroleum (Other Nonrenewables)	%	0.5%	0.6%	0.6%	0.6%	-	-
Green-E Certified Renewable Energy Certificates (Wind Power)	Thousand MWh	0.0%	0.0%	0.0%	0.0%	-	-

### 2021 Notes:

<sup>1</sup> Primary energy sources are calculated based on EPA subgrid fuel supply data multiplied by the percentage each supplies at BKV's total electric consumption.

### 2022 Notes:

<sup>1</sup> Primary energy source is estimated based on location-specific generation for NEPA and calculated based on EPA e-GRID fuel mix for Barnett (ERCOT) and Denver (WECC Rockies).

### 2023 Notes:

<sup>1</sup> Primary energy source is estimated based on EPA e-GRID fuel mix for Barnett (ERCOT), NEPA (RFC East) and Denver (WECC Rockies).

### 2024 Notes:

<sup>1</sup> Primary energy source is estimated based on EPA e-GRID fuel mix for Barnett (ERCOT), NEPA (RFC East) and Denver (WECC Rockies).

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## Our People

	Units	2021	2022	2023	2024
<b>Employment</b>					
Number of Permanent Employees	#	221	374	354	366
U.S. Employees	%	100.0%	100.00%	100.00%	100.00%
Part-Time Employees	%	0.45%	0.53%	0.28%	1.00%
Full-Time Employees	%	99.45%	99.47%	99.72%	99.00%
Employee Turnover - Voluntary	%	3.17%	2.40%	9.60%	5.00%
Employee Layoffs	%	2.26%	1.10%	6.50%	3.00%
<b>Diversity and Equal Opportunity</b>					
Total Female Employees (U.S. and International)	%	18.10%	18.45%	19.21%	19.00%
Executives and Senior Officers	%	1.36%	23.08%	36.36%	20.00%
First and Mid-Level Managers	%	3.17%	25.00%	33.33%	15.00%
Professionals	%	13.57%	32.35%	32.31%	42.00%
Total Minority Employees (U.S.)	%	8.14%	14.97%	16.10%	16.00%
Executives and Senior Officers	%	1.36%	45.45%	45.45%	33.00%
First and Mid-Level Managers	%	0.45%	4.55%	5.00%	11.00%
Professionals	%	6.33%	21.01%	23.08%	19.00%
<b>Employees by Age Group</b>					
Under Age 30	%	4.52%	1.90%	3.30%	19.00%
Age 30-50	%	74.21%	71.50%	60.50%	70.00%
Over Age 50	%	21.27%	26.60%	24.34%	28.00%
<b>Collective Bargaining Agreements</b>					
Employees Represented By Collective Bargaining Agreements	%	0.00%	0.00%	0.00%	0.00%

All environmental metrics were compiled by BKV Corporation using the best available data at the time of publication. Historical metrics are subject to change in future reports as we seek to continuously refine and improve our calculation and tracking methodologies to provide the highest level of transparency and accuracy.

## Workforce Health & Safety

	Units	2021	2022	2023	2024	SASB
<b>Workhours</b>						
Hours Worked - Workforce	Million Hours	1,054,548	1,927,522	1,921,547	1,923,812	
<b>Safety Incidents</b>						
Fatalities - Workforce (Employees + Contractors)	#	0.00	0.00	0.00	0.00	EM-EP-320a.1
Employee Total Recordable Incident Rate	Per 200,000 hours worked	0.00	0.00	0.24	0.69	EM-EP-320a.1
Contractor Total Recordable Incident Rate	Per 200,000 hours worked	0.00	0.32	0.56	0.76	EM-EP-320a.1
Workforce Total Recordable Incident Rate	Per 200,000 hours worked	0.00	0.21	0.42	0.73	EM-EP-320a.1
Employee Lost Time Incident Rate	Per 200,000 hours worked	0.00	0.00	0.00	0.23	-
Contractor Lost Time Incident Rate	Per 200,000 hours worked	0.00	0.00	0.19	0.00	-
Workforce Lost Time Incident Rate	Per 200,000 hours worked	0.00	0.00	0.10	0.10	-
Employee Occupational Illness Rate	Per 200,000 hours worked	0.00	0.00	0.00	0.00	-
Contractor Occupational Illness Rate	Per 200,000 hours worked	0.00	0.00	0.00	0.00	-
Workforce Occupational Illness Rate	Per 200,000 hours worked	0.00	0.00	0.00	0.00	-
<b>Other Safety Information</b>						
Products with Safety Data Sheets	%	100	100	100	100	-
OHSAS 18001-Certified Operations	% of production	0.00	0.00	0.00	0.00	-

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## TCFD Table

	Description	Response
Governance	The organization's governance around climate-related risks and opportunities.	"Approach to Managing Environmental Risks and Opportunities"
Strategy	The actual and potential impacts of climate-related risks and opportunities on the organization's business, strategy and financial planning.	"Climate Risk Management and Strategy"
Risk Management	The process used by the organization to identify, assess and manage climate-related risks.	"Managing Identified Climate Risks and Opportunities" "Approach to Managing Environmental Risks and Opportunities"
Metrics and Targets	The metrics and targets used to assess and manage relevant climate-related risks and opportunities.	"BKV Performance Data Table"

## Forward-looking Statements

This report contains forward-looking statements concerning our expectations, beliefs, plans, objectives, goals, strategies and future operations, and can generally be identified by words such as “anticipate,” “believe,” “continue,” “could,” “estimate,” “expect,” “may,” “plan,” “target,” “will” or other similar words. The absence of these words, however, does not mean that the statements are not forward-looking. Any statements herein regarding future events, such as our carbon emission reduction goals, including our net-zero emission goals, our ability to produce and sell RSG and CSG, and our ability to achieve such goals and related timing thereof, the advancement of and use of new technologies to reduce emissions, executive management continuity and succession planning; board

composition; corporate governance commitments; strategic plans and value creation, capital investments; business opportunities; renewable energy growth objectives; and any other statements that are not historical facts, are forward-looking statements.

Our forward-looking statements are based on our management’s beliefs and assumptions derived from information currently available to our management. Forward-looking statements involve inherent known and unknown risks, uncertainties and contingencies because they relate to events and depend on circumstances that may or may not occur in the future and may cause the actual results, performance or achievements to be materially different from those expressed or implied by such forward-

looking statements. Many of these risks and uncertainties are difficult to predict and relate to factors that are beyond our control such as competition for assets, technology, people and capital; risks relating to climate change, regulatory restrictions and cyberattacks; compliance costs; and other risks relating to our operations. Accordingly, we cannot assure you that actual results will not differ materially from those expressed or implied by our forward-looking statements.

The information presented herein speaks only as of the date of this report. We undertake no obligation to update the information presented herein, except as required by law.



