

2025 Corporate Sustainability Report

# **Empowering tomorrow**

Delivering sustainable value

Algonquin



# Empowering tomorrow: Delivering sustainable value

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### Forward-looking statements and forward-looking information

This report contains forward-looking information which is based on certain factors and assumptions and subject to certain risks.

All forward-looking information in this report is given pursuant to the "safe harbour" provisions of applicable securities legislation. Please refer to "Forward-looking statements and forward-looking information" starting on page 29 of this report.

- \* Unless otherwise indicated herein, the information in this report is provided as at December 31, 2024.
- \* All dollar references in this report are to U.S. dollars unless otherwise indicated.

## Letter from the Chief Executive Officer



Rod West,
Chief Executive Officer

It is a pleasure to write to you in my first sustainability report, as the Chief Executive Officer of Algonquin Power & Utilities Corp. ("Algonquin", or "the Company"). As we continue our transformation to a pure-play regulated utility, we are focused on customer-centric investments in a more robust and resilient energy grid and water delivery system,

in response to evolving customer demands, with the support of our regulators and constructive regulatory mechanisms. Reliable and cost-effective service for our customers, serving our local communities, operating with a safe and engaged workforce, and delivering sustainable financial returns will be key contributors to Algonquin's goal of becoming a premier utility in North America.

Reliable and cost-effective service for our customers, serving our local communities, operating with a safe and engaged workforce, and delivering sustainable financial returns will be key contributors to Algonquin's goal of becoming a premier utility in North America.

2024 was a year of major change, with the sale of the Company's renewable energy business (excluding the hydro fleet) and its 42.2% stake in Atlantica Sustainable Infrastructure plc. Under this new, simplified business structure, Algonquin has continued to build on historical initiatives that support our business goals with a focus on long-term performance.

Given the changes to our corporate profile and expiration of our initial interim sustainability goals, 2024 saw the introduction of a new set of interim 2030 goals that focus on Algonquin's carbon intensity

in each of our commodity groups. I'm happy to report that we have progressed towards these goals, spearheaded by improvements in our electric and natural gas businesses. Progress that we expect to maintain, as we make continued investments in more efficient electrical generation assets and in the replacement of old, leak-prone natural gas pipe.

In our water business, 2024 saw the first year of operation for our Sarival treatment facility, expanding capacity while enhancing performance, combined with other investments to improve system reliability and increase capacity to serve our customers.

Risk reduction and resilience to environmental impact is also front and center in Algonquin's sustainability

journey, from grid hardening efforts to help weather major storm events, to wildfire mitigation and management programs in our California electric utility, to cooperative response programs to get customers back online when the inevitable severe events occur. In combination, these activities improve our performance and help deliver for our core stakeholders.

Despite the significant transition Algonquin has undergone in the past year, focus on our employees and their work has not wavered. I particularly wish to draw attention to our continued workplace safety performance, that once again has been recognized via awards from both the Canadian and American Gas Associations. I'll include a special mention of our New Brunswick Gas subsidiary that marked 12 years without a lost time injury in 2024. Key to long-term corporate sustainability and reducing risk is keeping employees safe through processes and training to prepare them for the tasks required. This is a key component of Algonquin's overall efforts to maintain and foster a workforce that is prepared, engaged, and encouraged to build a sense of belonging.

Being sustainable means identifying risks and opportunities, then acting to mitigate threats and take advantage of our potential. As noted above, this effort begins with a customer focus, includes environmental and safety performance, and also extends to corporate governance, cybersecurity, and regulatory frameworks that are required to support long-term value creation.

I invite you to dig further into the following report for descriptions, data, and details on Algonquin's progress, and see how we are working to deliver on our goal of becoming a premium utility operator.

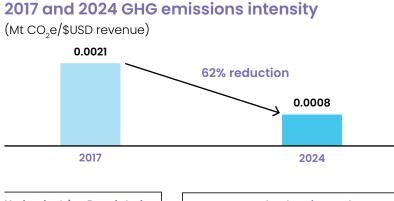
Yours Sincerely,

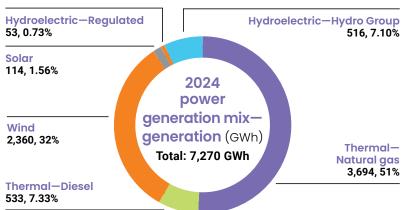
Rod West,

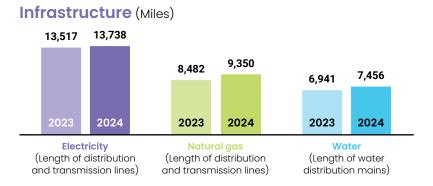
Chief Executive Officer



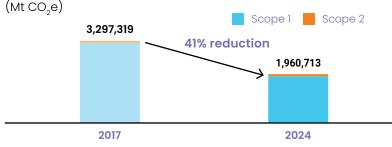
## Highlights of key sustainability metrics

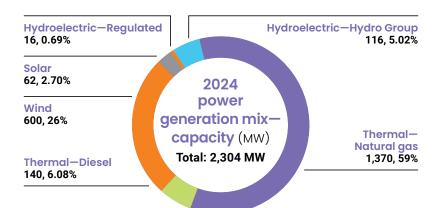






## **2017 and 2024 GHG emissions** (Mt CO,e)



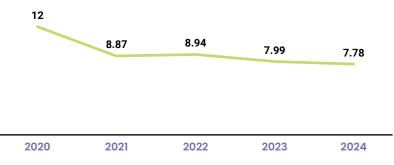


#### **Utility customer connections**



#### **Energy consumption for regulated business**

(MWh consumed/customer connections)



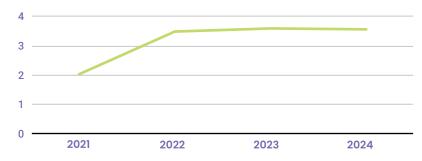
## Injury rate remained 50% below U.S. utilities sector average<sup>1</sup>

- Recordable Injury Rate ("RIR")—U.S. and Canada only
- Average total recordable cases of nonfatal occupational injuries and illnesses of the U.S. utilities sector (2024 data not available using average of 2022 and 2023 as proxy)



#### Liberty Day utilization—U.S. and Canada only<sup>2</sup>

(Volunteer hours per employee)



<sup>1.</sup> RIR is calculated using the following equation: RIR = (number of recordable incidents) X 200,000 / (total number of hours worked).

<sup>2.</sup> Liberty Days are a part of an employee program, where employees are invited to spend up to three paid days during regular working hours volunteering in their communities.

## **About this report**

As a newly established pure-play regulated utility, Algonquin Power & Utilities Corp. ("Algonquin", "AQN" or "the Company") engages in open dialogue with our stakeholders and the broader public. This report provides a look into the actions we undertook in 2024 to advance and strengthen our corporate responsibility across the business.



#### **Reporting period**

This report outlines our impact driven programs and projects carried out between January 1 and December 31, 2024, unless otherwise stated. It highlights key actions, performance results, and outcomes across corporate governance, social responsibility, and environmental stewardship.

Both quantitative and qualitative information are provided to offer a comprehensive view of our 2024 performance.

Where relevant, historical data is referenced to illustrate performance trends and provide context, particularly following our transition to a pure-play regulated utility.



## Standards and reporting frameworks

This report references commonly used reporting frameworks to support consistency and comparability in how we present information related to environmental, social, and operational topics. These frameworks provide a structure for organizing and disclosing relevant data.

## We have referenced the following frameworks in preparing this report:

#### Global Reporting Initiative ("GRI") Standards

This report has been prepared in general accordance with the GRI Universal Standards and select Topic Standards. GRI provides a globally recognized framework for reporting on a wide range of environmental and social topics.

#### Sustainability Accounting Standards Board ("SASB")

We use SASB guidance for electric utilities, and reference relevant topics from the water and gas utilities standards. These industry-specific standards help identify sustainability-related issues which are likely to be financially material to our business.

#### Task Force on Climate-Related Financial Disclosures ("TCFD")

Disclosures related to climate governance, strategy, risks, and metrics are informed by the TCFD recommendations.

#### Third-party assurance

Limited assurance was conducted over our 2024 Scope 1 and Scope 2 greenhouse gas ("GHG") emissions, as well as select Scope 3 categories. This independent review supports the accuracy and credibility of the GHG-related disclosures included in this report.

#### United Nations Sustainable Development Goals ("UN SDGs")

Our sustainability approach is mapped to ten UN SDGs that align with our operational focus and areas of impact. These goals provide a global context for addressing shared environmental and social challenges.

## Algonquin's selected UN Sustainability Development Goals



Achieve gender equality and empower all women and girls



Reduce inequality within and among countries



Ensure availability and sustainable management of water and sanitation for all



Make cities and human settlements inclusive, safe, resilient and sustainable



Ensure access to affordable, reliable, sustainable and modern energy for all



Ensure sustainable consumption and production patterns



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all



Take urgent action to combat climate change and its impacts



Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation



Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss



#### Currency

Currency amounts are expressed in U.S. dollars unless otherwise specified.

## Company overview and transformation

Algonquin Power & Utilities Corp. ("Algonquin", "AQN" or "the Company"), parent company of Liberty, is a pure-play regulated utility headquartered in Canada. In January 2025, the Company completed the divestment of its non-regulated renewable energy business (excluding the hydro fleet) and its 42.2% investment in Atlantica Sustainable Infrastructure plc.

The Company's transformation to a pure-play utility represents a shift in business direction towards long-term value creation through focus, simplification, and financial resilience. By exiting

the capital-intensive and increasingly competitive renewable development market, the Company is sharpening its operational and investment focus on its core strength: delivering essential utility services through a stable and regulated business model.

This transition supports a strategy that emphasizes operational excellence, capital discipline, and sustainable growth guided by customer-centric investments that will create value for all of Algonquin's core stakeholders.



#### Corporate and strategic outlook

Algonquin maintains a Corporate Group that provides shared services and governance oversight across the business. Following two years of significant organizational change, including leadership transitions, capital restructuring, and a shift in sustainabilityrelated priorities, the Company enters 2025 with:



A streamlined operational model



A defined focus on regulated utility operations



A strengthened balance sheet



A strategic framework aligned with risk management, regulatory compliance, and stakeholder interests

and maintain transparency with stakeholders.

designed to address customer, investor, and regulatory requirements while enhancing operational efficiency and resilience in a dynamic business environment.

These changes reflect an organizational structure

#### **Stakeholder transparency** and regulatory compliance

Transparency and compliance remain central to how we engage with our stakeholders. We aim to provide clear, factual reporting that reflects our operational footprint, risk considerations, and service performance, while striving to align with evolving regulatory expectations in the U.S., Canada, Bermuda, and Chile.

Disclosures are designed to support investor and regulator confidence and are prepared in reference to recognized standards where they add clarity or meet external expectations. Data governance, internal review processes, and selective third-party assurance contribute to the accuracy and reliability of reported information. We view transparency as an essential part of regulatory responsiveness and a practical tool for building and maintaining stakeholder trust.

#### Delivering for stakeholders: Our true north

#### Key stakeholders—objectives

Reshaping Algonquin's culture and stakeholder engagement strategy to drive key improvements that are intended to position the Company as a premier utility.



#### Customers

- Providing safe and reliable service
- Keeping bills affordable
- Offering innovative solutions



#### **Communities** that we serve

- Investing in our communities
- Serving as a catalyst for economic
- Earning the trust of our regulators and our customers



#### **Employees**

• Becoming a company of choice for people to build their careers and livelihoods



#### **Investors**

 Delivering superior financial returns for our investors utility execution and disciplined capital allocation

The Company incorporates environmental, workforce, and operational considerations into business planning and performance monitoring. Non-financial data is reviewed across utility systems to support informed decision-making, meet regulatory expectations,



The Company's core business is now organized across two primary units:

#### **Regulated Services Group**

The Regulated Services Group owns and operates electric, natural gas, water distribution, and wastewater utility systems, as well as transmission operations. As of December 31, 2024, these systems served approximately 1,265,000 customer connections across the U.S., Canada, Bermuda, and Chile. The Regulated Services Group also owns and operates generation assets with a gross capacity of approximately 2.0 GW.

- Electric Utility Systems Located in the U.S. states of Arkansas, California, Kansas, Missouri, Nevada, New Hampshire, Oklahoma, as well as Bermuda, serving approximately 310,000 connections.
- Natural Gas Utility Systems Located in the U.S. states of Georgia, Illinois, Iowa, Massachusetts, Missouri, New Hampshire, New York, and in the Canadian province of New Brunswick, serving approximately 378,000 connections.
- Water and Wastewater Systems Located in the U.S. states of Arizona, Arkansas, California, Illinois, Missouri, New York, Texas, as well as Chile, serving approximately 577,000 connections.

#### **Hydro Group**

The Hydro Group manages a portfolio of 14 hydroelectric generation facilities located in Canada, which were retained following the divestment of the broader renewables business. The total gross generation capacity of these hydroelectric assets is 115.5 MW.



## Governance, ethics, and public affairs



#### Governance

#### Oversight and accountability

Algonquin's governance structure supports effective oversight of the Company's operational, financial, and regulatory obligations, including how we manage risk and respond to changing political and economic conditions. The Corporate Governance Committee, a sub-committee of the Board of Directors of Algonquin (the "Board"), is responsible for overseeing corporate responsibility-related topics and provides guidance to management and serves as a reporting channel to the Board on such topics. Updates on performance indicators, stakeholder matters, and disclosure topics are provided to the Corporate Governance Committee on a quarterly basis.

Material climate-related risks are identified through Algonquin's Enterprise Risk Management ("ERM") process, which is governed by the Board's Risk Committee. Through the ERM process, climate and other strategic risks are evaluated within the same framework as other core business risks, with Board-level visibility and accountability.

At the executive level, the Chief Legal Officer ("CLO"), who reports to the Chief Executive Officer ("CEO"), has accountability for corporate responsibility planning, related initiatives, and reporting. Under the CLO's leadership, the sustainability group coordinates disclosures, facilitates internal alignment, and supports external engagement on operational and governance topics. Through this structure, the Board and its sub-committees receive consistent, timely updates and insight into how these topics are integrated into broader planning and business execution.



## Board of Directors committee oversight of sustainability-related matters



#### Corporate Governance Committee

This committee oversees
Algonquin's corporate governance
practices and develops processes
to assess the effectiveness of
the Board and its committees.
It is responsible for reviewing
governance policies, evaluating
Board effectiveness, and
overseeing the integration of
sustainability into AQN's strategy.



#### Risk Committee

This committee assists
the Board in overseeing
Algonquin's ERM practices.
It is responsible for
overseeing the effectiveness
of management's risk
management policies and
processes with respect
to development and
execution of Algonquin's
business strategy.



## & Compensation Committee

This committee assists the Board in overseeing Algonquin's human resources and compensation practices, including executive succession planning and recruitment, compensation philosophy, incentive plan design and administration, and talent management.



#### Audit & Finance Committee

This committee assists the Board in overseeing the integrity of Algonquin's financial statements and the performance of both external and internal auditors.

This committee promotes effective communication between management, auditors, and the Board, and reviews significant project proposals and business cases. It also oversees Algonquin's financial planning, including annual budgets, long-term financial strategies, and matters related to treasury, liquidity, and tax planning.



## Ethical conduct and internal reporting

Algonquin operates under its Code of Business Conduct and Ethics, approved by the Board of Directors, which outlines expectations for lawful behavior, personal integrity, and ethical decision making across all jurisdictions. The Code applies to all directors, officers, employees, agents, and contractors, and extends to subsidiaries, joint ventures, and similar business arrangements.

Algonquin's human resources group is responsible for administration of the Code, while the Board retains overall oversight. Managers and supervisors are expected to assist employees in understanding and applying the Code in their daily responsibilities.

The Code prohibits dishonest, unethical, or illegal behavior and addresses a range of scenarios including conflicts of interest, the handling of confidential information, insider trading, bribery, political involvement, and workplace conduct. In addition to the Code itself, related policies such as the Anti-Bribery and Anti-Corruption ("ABAC") Policy, the Disclosure Policy, and the Enterprise Cybersecurity Policy reinforce compliance expectations.

All Algonquin employees are required to comply with applicable laws and avoid actions that could reasonably result in reputational or business harm. Concerns or violations may be reported through several channels including direct contact with the Enterprise Compliance Leader, the Chairs of the Board's Risk Committee or Audit & Finance Committee, or anonymously through an independent third-party Ethics Hotline.

The Ethics Reporting Policy prohibits retaliation against individuals who raise concerns in good faith. All reports are reviewed under established internal investigation procedures led by the Compliance and Ethics Committee. Reports may result in corrective actions including disciplinary measures or legal escalation. Except as may be required by applicable law or the requirements of a resulting investigation, the confidentiality of a reporting person will be maintained to the extent possible, if requested.

## Anti-corruption and business conduct policies

Algonquin's ABAC Policy outlines expectations for legal compliance and business integrity across all operations. The policy applies to employees, officers, directors, contractors, and third parties acting on Algonquin's behalf, and aligns with applicable anti-corruption laws, including those in the U.S. and Canada.

The policy prohibits improper payments, facilitation payments, kickbacks, and the offering or acceptance of gifts or hospitality that could be perceived as influencing decision making. Additional safeguards apply when interacting with public officials and politically exposed persons, including reporting requirements for any personal or business relationships that could present a perceived conflict of interest.

Corruption risks related to third-party intermediaries are addressed through screening, due diligence, and contractual requirements. Prior to engagement, appropriate steps are taken to assess the intermediary's understanding of and alignment with Algonquin's expectations regarding business conduct.

The ABAC Policy also emphasizes financial transparency. All transactions must be accurately documented in accordance with internal control procedures, and the use of off-book records or falsified documentation is not permitted. These measures are designed to reduce exposure to legal, operational, and reputational risks.

Internal reporting mechanisms support the ABAC Policy's application. Employees and representatives can raise concerns or report potential violations through internal channels or anonymously via a third-party ethics reporting platform. Reports are subject to defined review processes, and retaliation against individuals who report concerns in good faith is not permitted under Algonquin's policies.

Oversight of anti-bribery and anti-corruption matters rests with the CLO and is integrated into broader governance, compliance, and risk management practices. The policy is supported by related governance documents including the Code of Business Conduct and Ethics, Ethics Reporting Policy, and Supplier Code of Conduct.

## Supply chain screening and expectations

Supplier screening is conducted to assess legal, reputational, operational, and financial risks. The Vendor Code of Conduct outlines expectations related to legal compliance, fair labor practices, environmental responsibility, and ethical business operations. Suppliers are expected to meet these standards and may be subject to review and oversight where relevant. Screening and monitoring activities are coordinated across procurement, legal, and operational teams.

## Government affairs and policy engagement

Our Government Affairs ("GA") team leads our engagement with policymakers at federal, state, and provincial levels and advocates for policies that support our strategic pillars of Growth, Operational Excellence, and Sustainability. The team's mission is to support the successful execution of our business strategy through on-the-ground intelligence with a clear line of sight to identify business risks and opportunities.

Our efforts are focused on advocating against potentially harmful policies, while encouraging policies that support Algonquin's goals and mission. In the rapidly evolving energy and utility landscape, we view active, thoughtful participation in these crucial policy discussions as a key component of reducing risk in our existing businesses, as well as supporting priority growth opportunities.

The GA function leads these activities in coordination with the regulatory affairs and communication teams. Public policy engagements are subject to internal protocols to ensure that positions communicated externally are accurate, aligned, and authorized.

As part of its internal mandate, GA distributes a monthly regulatory and policy update to internal business leads and senior management. These updates summarize relevant developments in the legislative, policy, and regulatory landscape and highlight potential implications for capital planning, compliance, customer programs, and operational risk. The intent is to support informed decision making and promote cross-functional awareness of external factors affecting utility operations.

Algonquin maintains membership in relevant trade associations to stay informed on industry-wide issues, and to collectively advocate for policies that benefit the industry and our customers.

Engagement is focused on utility topics and conducted through designated representatives.



## Data privacy and information security

Algonquin manages personal and business information in accordance with internal policies and applicable legal and regulatory requirements. These policies apply to the handling of data related to customers, employees, vendors, and other business stakeholders. Data privacy practices are designed to support responsible storage, access, and transmission of sensitive or confidential information.

Access to company-owned systems and data is limited to authorized individuals and subject to appropriate authentication protocols.

Internal guidance and standards are used to support the secure handling of records, files,

communications, and system access. Business units work in coordination with the Legal and Cybersecurity teams to align operational practices with emerging privacy requirements across jurisdictions.

Training on data-handling practices is included as part of employee onboarding and compliance programs. Specific guidance may be issued to reflect regulatory changes or business-specific use cases. The Company reviews data access rights on a periodic basis and applies a role-based approach to data visibility across core systems.



## Material priorities and enterprise risk



#### Materiality review and priority topics

Algonquin recently completed a refreshed materiality assessment to reflect its strategic repositioning as a pure-play regulated utility. The reassessment focused on operational priorities, regulatory obligations, and stakeholder expectations under the new business model, which no longer includes renewable energy project development. This allowed for a recalibration of previously defined topics to more accurately reflect the risks, responsibilities, and operating realities of a vertically integrated utility providing electric, gas, water, and wastewater services.

The outcome is a re-prioritized list of topics structured under three pillars: Social, Environmental, and Governance. The updated list does not reflect a reduction in importance for topics ranked lower on the list, but rather their relative positioning based on current utility operations, stakeholder interface, and regulatory relevance.

Several adjustments were made to either consolidate or reframe topics in light of the transition. For example, Emissions and Climate Resilience are now viewed as a combined topic due to their integrated risk and disclosure implications. Similarly, Public and Employee Health and Safety were merged to reflect the interface between customer service and workforce protection in utility delivery.

#### **Top-ranked topics**

- 1. Energy and Water Reliability—Central to regulated obligations and core service delivery.
- **2. Public and Employee Health and Safety**—Reflected as a combined priority due to shared risk and responsibility.
- **3.** Infrastructure Investment and Resiliency—Focused on grid modernization and climate-adaptive infrastructure.
- **4. Customer Experience, Programs, and Affordability**—Emphasized the importance of ratepayer relationships and program access.
- **5. Risk Management**—Elevated due to growing regulatory and operational risks.
- **6. Emissions and Climate Resilience**—Consolidated to reflect joint regulatory and business continuity considerations.

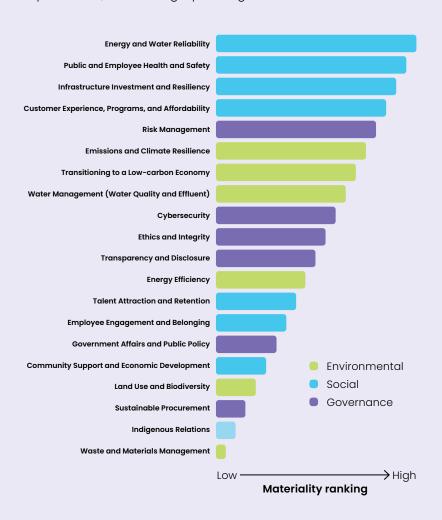
#### **Notable shifts**

- Government Affairs and Public Policy—Remains monitored, but is de-emphasized given reduced exposure to national energy policy following exit from renewable development.
- Land Use and Biodiversity & Sustainable Procurement— Have been deprioritized as these are less material within the context of grid-based utility operations.
- Community Support and Economic Development—While important to local engagement, are now less directly tied to core economic outputs as a result of the Company's streamlined footprint.



## 2024 material topics ranking

These material topics inform how Algonquin structures its disclosures, assesses business risks, engages stakeholders, and allocates resources. The topics are reviewed periodically to reflect evolving operational conditions, regulatory expectations, and strategic planning outcomes.





#### Enterprise risk management

The ERM program

supports consistent

analysis and escalation

of strategic, operational,

risks, while providing a

to manage uncertainty

in alignment with

corporate goals.

financial, and compliance

framework for employees

Algonquin applies a company-wide ERM policy that outlines expectations for the identification, assessment, and management of risks across all business units. The ERM program supports consistent analysis and escalation of strategic, operational, financial, and compliance risks, while providing a framework for employees to manage uncertainty in alignment with corporate goals.

All employees and business functions are expected to participate in the risk process through the use of standardized tools, role-based accountability, and ongoing risk training. The program is designed to enhance awareness of both current and emerging risks and to promote effective ownership of controls and mitigations at the functional level. Risk topics are tracked through dedicated risk registers and periodic reviews are completed through the ERM platform.

Sustainability-related risks are evaluated with environmental, climate, reputational, and compliance considerations in enterprise-level assessments. Examples include the impact of wildfire, extreme weather, or drought conditions on electric and water infrastructure, exposure to physical and digital security threats, and the

regulatory implications of GHG performance. Risks are assessed over short, medium, and long-term timeframes to align with industry practices and to support planning decisions across utility segments.

The Board's Risk Committee oversees the ERM framework, and receives quarterly updates

on key enterprise risks and associated controls.
Reports include changes to risk scores, directional trends, and summaries of mitigation actions underway.
At the operational level, cross-functional working groups support alignment on shared risks and coordinate response strategies across business units.

ERM integration enables the Company to proactively incorporate risk insights into operational planning, resource deployment,

infrastructure investments, and customer service priorities. The ERM team collaborates closely with cybersecurity, legal, compliance, finance, environment, and infrastructure leads to facilitate risk identification and review with discipline and transparency.



## Task Force on Climate Related Financial Disclosures ("TCFD")

Algonquin uses the TCFD framework to evaluate and disclose information on climate-related risks and opportunities. With the Company's transition to a pure-play regulated utility, its disclosures are being updated to reflect changes in business structure, exposure, and long-term planning assumptions.

#### Governance

Climate-related risks are assessed and monitored through Algonquin's ERM process, which is overseen by the Board's Risk Committee. At the management level, responsibility for climate risk evaluation and disclosure is integrated into the broader risk and compliance structure. Information is shared with senior leadership and the Board through regular reporting cycles, enabling informed oversight and discussion of potential business impacts.

#### **Strategy**

Algonquin considers both physical and transition climate-related risks in its long-term planning. Physical risks include wildfires, storms, heatwaves, and water stress events that may affect operational continuity, safety, and service delivery. Transition risks include evolving regulatory requirements, market trends, and shifts in stakeholder expectations. With the completion of its sale of the non-regulated renewable business, the Company is reassessing how these risks affect its regulated electric, gas, and water operations.

#### Risk management

Climate risks are identified, assessed, and prioritized through the existing ERM process. This includes cross-functional input and periodic review of regulatory, operational, financial, and reputational risks. Short, medium, and

long-term risk horizon timelines are applied to evaluate potential impacts and response options. Climate considerations are integrated into corporate risk registers, supported by internal controls and operational planning processes.

## Governance and climate oversight indicators

Internal indicators are used to monitor the structure and effectiveness of climate-related governance. These include defined roles and responsibilities, subject matter expertise embedded within the organization, and delivery of training on risk and disclosure topics to functional leads and managers. These performance indicators are reviewed as part of ongoing internal assessments and inform Algonquin's annual disclosures under the TCFD framework.

#### **Metrics and targets**

Algonquin uses a set of performance indicators to track progress on climate-related risk mitigation and broader operational priorities. These metrics are designed to support transparency, reflect operational realities across business lines, and respond to evolving stakeholder expectations.



#### Climate resilience

As weather patterns continue to shift and the risk of wildfires and other climaterelated events increases, Algonquin is taking proactive steps to strengthen its systems, reduce ignition risks, and improve long-term infrastructure resilience. Algonquin's approach to climate resilience centers on operational improvements, emerging technologies, and cross-functional coordination that help safeguard people, assets, and local ecosystems.

In the Tahoe Basin, the Cascade Creek Wildfire Mitigation Project is a prime example of how utility infrastructure upgrades can align with wildfire prevention and environmental stewardship. This project involved replacing aging equipment, removing hazardous vegetation, and rebuilding part of the system with underground and covered conductor installations. The work significantly reduced ignition risks and circuit exposure, while streamlining electric service. The project was nominated for a Best in Basin Award by the Tahoe Regional Planning Agency, recognizing its contributions to service reliability and environmental protection.

Complementing these efforts is the Angora Ridge Project, a wildfire mitigation initiative focused on replacing outdated poles and wires with more resilient infrastructure. Stretching 1.8 miles from Fallen Leaf Lake to Angora Lakes, this project involves removing 28 poles and 169 trees and

installing 64 modern poles and four new transformers. Due to challenging terrain, helicopters are being used to transport materials and remove vegetation, demonstrating the level of care and innovation that goes into safeguarding these forested communities.

Algonquin's approach to climate resilience centers on operational improvements, emerging technologies, and cross-functional coordination that help safeguard people, assets, and local ecosystems.

In certain high-risk weather conditions,
Algonquin uses Public Safety Power
Shutoffs ("PSPS") as a last resort to protect
communities. In November 2024, power
was proactively shut off to 680 customers
due to extreme fire weather. This decision
was supported by extensive planning
and coordination across departments,
including wildfire prevention, customer care,
emergency management, and operations.
A dedicated team worked over a holiday
weekend to ensure clear communications,
regulatory compliance, and fast restoration
once conditions improved.

Technology also plays a key role in Algonquin's resilience strategy. Annual aerial patrols by

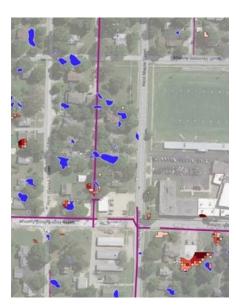
helicopter cover approximately 1,300 miles of electric transmission lines, helping detect vegetation encroachment or equipment faults using infrared cameras and onboard observers. These patrols offer a high-level view of system health and have been instrumental in improving reliability and identifying issues before they escalate.

To build on this approach, Algonquin has begun piloting a new partnership with LiveEO, a Berlin-based company that uses satellite imagery and artificial intelligence to assess vegetation health and proximity to infrastructure. By analyzing near infrared images, Algonquin can monitor tree vitality year to year, detect decline, and identify high-risk species like the emerald ash borer, which continues to threaten tree populations across the Midwest. The goal is to use these insights to replace helicopter patrols over time, gaining better accuracy while improving cost effectiveness and safety.

These initiatives reflect long-term system resilience, modernizing infrastructure, leveraging innovation, and supporting communities in the face of growing climate uncertainty. Algonquin continues to adapt and invest in its networks, ensuring they are prepared not just for today's challenges, but for the evolving climate landscape of tomorrow.



Annual aerial patrol helicopter



Satellite image identifying ash trees in decline in Columbus, Kansas



Angora Ridge Project



## Emergency response and storm recovery

As extreme weather events become more frequent and intense, Algonquin's utilities continue to demonstrate strong emergency response capabilities. From major snowstorms and tornadoes to summer wind events, our teams are trained and equipped to restore service safely, efficiently, and with care for the communities we serve.

In April 2024, Winter Storm Tormund brought heavy, wet snow and strong winds to New Hampshire, knocking out power to over 7,600 customers. Despite widespread outages and limited access to mutual aid due to regional demand, Algonquin crews restored power to 99% of affected customers within 72 hours. Their speed and coordination earned Algonquin the Edison Electric Institute Emergency Recovery Award for the second consecutive year, an acknowledgment of the Company's dedication and professionalism in the face of disruption.

In May 2024, an EFI tornado and series of storms swept through the Central Region, impacting more than 17,000 customers across Missouri. Crews worked around the clock, replacing nearly 100 damaged utility poles and restoring service within days, even as a second round of severe weather followed. The effort involved over 125 employees and contractors and highlighted the importance of cross-functional coordination during crisis events.

Not long after, another fast-moving storm with 70-mile-per-hour winds hit multiple jurisdictions in the Midwest, knocking out transmission and impacting thousands of customers. Algonquin crews once again responded swiftly, replacing 150 utility poles, coordinating with regional partners, and restoring power in extreme heat and humidity. Their commitment exemplified the resilience and reliability that our customers expect.

These real-time responses reflect more than operational strength, they underscore a broader culture of preparedness, collaboration, and care.

#### **Mutual assistance matters**

Algonquin's commitment to resilience extends beyond our own service areas. When severe weather strikes, from hurricanes to wildfires, our skilled crews and equipment are deployed to support neighboring regions and partner utilities.

These collaborative efforts include:

- Accelerating recovery so affected communities get back online faster
- Fostering industry partnerships and shared expertise across jurisdictions
- Strengthening preparedness at home by bringing back valuable on-the-ground experience

More than restoration, mutual assistance reflects a culture of solidarity, care, and operational excellence that benefits both the communities we serve and those we support.



May 2024 Missouri EF1 tornado cleanup



2024 Winter Storm Tormund in New Hampshire



May 2024 Missouri EF1 tornado cleanup



2024 Midwest storm

## Operational excellence and energy



As a pure-play utility provider, we deliver reliable electricity, natural gas, water, and wastewater services. We also empower our customers to optimize resource use and reduce environmental impact through tailored efficiency programs across our service areas for electricity, gas, and water.

In 2024, we engaged with our customers and saved over 25 thousand MWh of electricity, 200 thousand MMBtus of gas, and 139 million gallons of water through various efficiency programs. The graphic to the right shows details of savings and key efficiency measures by operating company.

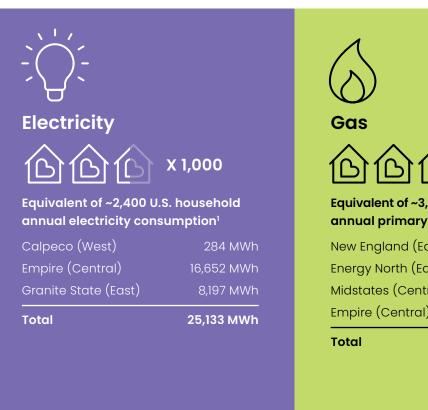


## Helping customers save energy and water

Algonquin supports customers in making their homes and businesses more efficient. Through conservation programs and energy saving tips, we help reduce utility costs while protecting natural resources. Small changes such as upgrading to energy efficient appliances, improving insulation, or reducing water use can add up to meaningful savings and a healthier environment.



## 2024 Algonquin efficiency programs and savings





Equivalent of ~3,800 U.S. residents' annual primary energy consumption<sup>2</sup>

New England (East) 45,231 MMBtu
Energy North (East) 159,471 MMBtu
Midstates (Central) 3,089 MMBtu
Empire (Central) 1,576 MMBtu

otal 209,367 MMBtu



#### Water



X 1,000

Equivalent of ~950 U.S. families' annual water consumption<sup>3</sup>

Arizona/Texas (West) 24,549,839 gallons
California (West) 108,293,200 gallons
New York (East) 6,323,759 gallons

Total 139,166,798 gallons

- 1. The average U.S. household electricity consumption is about 10,500 kWh per year. Source: U.S. EIA https://www.eia.gov/energyexplained/use-of-energy/electricity-use-in-homes.php
- 2. The U.S. per capital residential primary energy consumption is 54.5 MMBtu per year. Source U.S. EIA https://www.eia.gov/state/seds/data.php?incfile=/state/seds/sep\_sum/html/rank\_use\_capita.html&sid=US
- 3. The U.S. average water consumption per family (a family of four) is approximately 400 gallons per day, or 146,000 gallons per year. https://www.epa.gov/sites/default/files/2017-03/documents/ws-facthseet-indoor-water-use-in-the-us.pdf

## **Customer and community**



## Customer relations and satisfaction

As Algonquin transitions into a customer-focused pure-play utility, customers and communities have been recognized as core stakeholder groups. In response to recent service and billing challenges, particularly in Missouri, the Company has taken steps to strengthen customer relationships, improve reliability, and modernize its approach to service delivery.

Algonquin has announced its "Back to Basics" customer-centric capital plan. This initiative is designed to refocus the business on delivering improved customer experiences, enhancing operational efficiency, and achieving constructive regulatory outcomes. The plan aims to better align utility operations with customer expectations, especially during critical service moments, while supporting economic development in the communities Algonquin serves.

As part of this shift, Algonquin welcomed two senior leaders on June 30, 2025. Amy Walt joined as Chief Customer Officer and is responsible for defining and executing the strategy that will guide Algonquin's approach to customer experience and service. On the same date, Noel Black assumed the role of Chief Regulatory and External Affairs Officer, supporting the Company's efforts to foster productive relationships with regulators, policymakers, and local communities.

Algonquin's evolving customer engagement model emphasizes transparency, timely communication, and responsiveness. Embedding these changes into our utilities' day-to-day operation is intended to address recent concerns, restore trust, and promote customer satisfaction.



## Community engagement and volunteering

Across Algonquin's regulated utilities, community involvement continues to be an important area of focus. Through volunteer initiatives and regional events, employees remain actively involved in local causes, contributing time, energy, and expertise to support a broad range of community needs.

Throughout 2024, employees across the East, Central, and West regions participated in hundreds of events, ranging from food and clothing drives to environmental conservation projects and educational outreach. In many locations, employees took part in "Liberty Day" volunteer activities, which included projects such as painting schools, preparing community gardens, supporting meal programs, and hosting educational events.

#### **West Region**

Teams engaged in numerous sustainability-focused initiatives, including river cleanups, water conservation awareness events, rain barrel distribution programs, and wildfire prevention education. Earth Day activities were especially prominent, with teams volunteering at multiple events to raise environmental awareness and distribute trees to local residents. Events such as the "Touch-A-Truck" initiative and school partnerships helped foster community relationships while supporting safety education and youth engagement.

#### **Central Region**

Liberty Days provided opportunities for hands-on service, from supporting food-security programs to participating in community festivals and local beautification projects. The Central team also supported literacy and wellness through school partnerships, library programs, and health-related initiatives.



#### **East Region**

Employees volunteered with a wide range of charitable organizations, including local food banks, shelters, and youth services. Events such as winter clothing drives, Salvation Army campaigns, and fundraising for cancer and mental health services contributed to broader regional efforts to address social challenges. The East team also remained active in environmental protection, participating in shoreline cleanups and nature-based events. These activities were driven by teams across departments and supported by employee-led councils, reinforcing local connections and the regional presence of Algonquin's utilities. The scale and diversity of the 2024 community engagement efforts highlight how Algonquin continues to stay involved in the places it serves, while recognizing the evolving needs of customers and community stakeholders.

## **Employee commitment**



#### Safety at Algonquin

A culture of safety is foundational to Algonquin's approach to sustainable and reliable utility operations. As a company that provides essential services to communities across multiple jurisdictions, maintaining the health and safety of employees, contractors, and the public is both an operational necessity and a reflection of our values.

Algonquin's safety framework is anchored by the Liberty Employee Health and Safety Handbook, which establishes minimum safety expectations across all operating regions, including the U.S., Canada, Bermuda, and Chile. These standards meet or exceed applicable regulatory requirements and are supported by Algonquin's Environment, Health, and Safety ("EHS") management system framework. The handbook empowers employees to make safe decisions, identify risks, and contribute to a resilient workplace. Each business unit is responsible for developing detailed procedures that align with corporate standards while addressing operational realities.

Algonquin's enterprise-wide safety program tracks performance across a range of leading and lagging indicators. Over the past three years, key metrics have shown consistent performance within historical ranges, alongside efforts to enhance risk awareness and reporting. In 2024, the Company recorded a total RIR of 0.71 and a Lost Time Incident Rate ("LTIR")¹ of 0.06. These rates were consistent with or improved over 2023 results and reflect sustained efforts in risk prevention and employee engagement.

While the Motor Vehicle Accident Rate ("MVAR")<sup>2</sup> increased slightly to 2.87 in 2024, it remained lower than in earlier reporting years and continued focus on driver safety and preventable incidents remains in place.

To support a proactive safety culture, Algonquin tracks near-misses, safety observations, and employee-reported "good catches" through internal systems. In 2024, these insights contributed to increased situational awareness, proactive identification and control of high-energy hazards, and helped prevent more serious incidents. Safety leadership engagements, corrective action closure, and facility inspections were also used to reinforce accountability and drive consistent practices across teams.

Training and workforce engagement remain key components of Algonquin's safety strategy. In 2024, employees completed safety training and participated in activities that support continuous improvement and knowledge sharing. The right to stop unsafe work is embedded in our practices and reflects our emphasis on a shared responsibility for safety.

Sustainable operations require not only operational, environmental, and financial resilience, but also a strong foundation of occupational safety.

Algonquin's approach to safety is a core value within our operations and an ongoing focus on injury prevention, training, and transparent reporting directly support our sustainability as a utility operator.

#### Spotlight on safety excellence

#### Algonquin's New Brunswick operations honored for employee and vehicular safety

Algonquin's New Brunswick Gas was recognized at the 2024 Canadian Gas Association ("CGA") Energy Nexus & Annual Technical Conference with two Corporate SAFE Awards, for Employee Safety and Vehicular Safety. This marks the fourth consecutive year New Brunswick Gas has received the Employee Safety Award, a reflection of consistent injury prevention and operational care. The awards are based on 2023 data reviewed by the CGA Health and Safety Committee. As of July 18, 2024, Algonquin's New Brunswick Gas proudly marks 12 years without a lost time injury, a milestone that underscores the team's commitment to building a culture of safety every day.

#### Ongoing recognition from the American Gas Association ("AGA")

For the third consecutive year, Algonquin was presented with AGA's Safety Achievement Award in the medium-sized combination utility category. This award highlights Algonquin's outstanding safety performance across natural gas, electric, and water operations and reflects the dedication of employees across the organization to maintaining a safe work environment. Algonquin was also honored to receive the AGA's Leading Indicator Safety Award for the third time, underscoring Algonquin's continued commitment to safety excellence and proactive risk management.



Scott Elliott, Manager, EHS, accepted the awards on behalf of Liberty New Brunswick.

- 1. LTIR is calculated using the following equation: LTIR = number of high-consequence work-related injuries (excluding fatalities) / number of hours worked X 200,000.
- 2. MVAR is a standard safety performance metric used to measure the frequency of work-related motor vehicle incidents relative to the amount of driving exposure. It helps organizations track, benchmark, and manage driving-related risk.

  MVAR = (number of motor vehicle accidents / total miles driven) X 1,000,000.



#### Talent development

Algonquin fosters a culture of continuous learning and leadership at all levels through programs that support employee growth, cross-functional collaboration, and long-term organizational resilience.

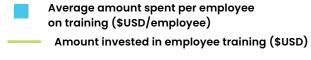
One of our development initiatives is the Interconnect Program, designed to strengthen cross-functional understanding across the business. Employees are encouraged to shadow colleagues from different departments during regular work hours. These sessions, conducted either virtually or in person, provide insight into daily operational tasks and the broader purpose of each function. This shared learning environment enhances collaboration, encourages empathy for the challenges others face, and promotes more informed decision making across the organization. The program supports both professional development and stronger internal networks, positioning employees for future roles while aligning with Algonquin's broader operational goals.

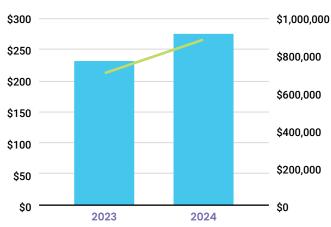
Our Radiant Leadership philosophy is central to how we cultivate leaders throughout the Company. Rooted in our guiding principles, this approach emphasizes self-awareness, integrity, and inclusive leadership. Through the Radiant Leadership Curriculum, Algonquin provides structured learning opportunities to help employees lead with purpose and authenticity. These sessions are open to all employees, with some requiring prerequisites, manager approval, or a nominal fee. The program reflects our belief that effective leadership can and should happen at every level.

To further support employee development, Algonquin offers a Tuition Reimbursement Program. This initiative helps cover the cost of continuing education for eligible employees, reinforcing our commitment to professional growth, employee engagement, and long-term retention. Employees who have completed 100 days of full-time service and are in good standing can apply.

These talent development programs are more than internal resources, they are part of Algonquin's sustainability strategy, helping to build and retain a knowledgeable, adaptable workforce that can support safe, reliable utility operations and deliver value to our customers and communities.

#### Investment in employee training









#### Belonging at Algonquin

At Algonquin, we value a workplace where all individuals feel respected, supported, and included in the daily work of the organization. We recognize the importance of fostering an environment where employees feel a sense of connection and shared purpose. Belonging is reflected in how we engage, how we listen, and how we support each other through all stages of the employee experience.

Employees are encouraged to bring forward ideas, participate in business improvement initiatives, and connect across teams and departments.

We strive to create conditions where open communication and professional respect are

part of everyday interactions. Leaders are expected to model constructive behaviors and create space for varied contributions in meetings, decision making, and problem solving.

We continue to support programs that help strengthen collaboration, personal development, and team cohesion. These include talent development initiatives, peer-to-peer recognition platforms, and engagement activities that bring employees together to share knowledge and celebrate achievements. By prioritizing a culture of belonging, we help employees feel more connected to their work, their colleagues, and the Company's mission.

## Social responsibility

Algonquin integrates social responsibility into its business practices by embedding ethical conduct, respect for human rights, supply chain accountability, and information protection into its operations. These considerations are central to maintaining trust with employees, customers, suppliers, and the broader public, especially in a regulated utility context.



Algonquin recognizes that respect for human rights is an important component of responsible business conduct. As a utility provider with operations across North America and internationally, Algonquin operates in alignment with principles that promote fairness, dignity, and ethical treatment of individuals across its workforce, supply chain, and stakeholder relationships.

Human rights considerations are embedded into corporate policies and risk management processes to facilitate operations that support equitable and respectful treatment of people. The Company's Human Rights Policy, Code of Business Conduct and Ethics, Workplace Civility Policy, and other internal guidelines are designed to support awareness, mitigate risk, and promote safe and inclusive environments.



## Workforce respect and protection

Employees are integral to the delivery of safe and reliable services. Company policies reflect expectations around non-discrimination, equal opportunity, and a respectful workplace. Practices are in place to help protect against harassment, violence, and retaliation, while supporting employee safety, fairness, and wellbeing. Labor-related policies are designed to meet or exceed applicable laws governing wages, hours, and working conditions, with oversight mechanisms that encourage reporting and early resolution of concerns.

Algonquin also recognizes that the reach of its business extends beyond its direct employees and customers. Supply chain decisions can influence labor conditions globally, and the Company continues to take steps to evaluate and manage this responsibility. In response to Canadian regulatory requirements, Algonquin published its second Report on the Fight Against Forced Labour and Child Labour in Supply Chains for the 2024 reporting year. This report outlines the Company's supply chain oversight practices, identifies potential areas of exposure, and describes mitigation measures



designed to avoid working with vendors that may utilize forced or child labor in the production of goods.

Several policies support this approach, including the Code of Business Conduct and Ethics, Workplace Civility Policy, Human Rights Policy, Supplier Code of Conduct, and Procurement Policy. These policies are reinforced through internal training and awareness programs. Together, they form a foundational structure to help prevent forced or child labor risks across business operations and procurement activities.



# Supplier expectations and due diligence

Algonquin expects its vendors and contractors to uphold high standards in areas such as labor practices, health and safety, and compliance with applicable laws. The Supplier Code of Conduct outlines expectations around non-discrimination, ethical behavior, and respect for human rights, including providing safe working conditions and adhering to labor laws. Suppliers are encouraged to support local economies and advance equitable economic participation by sourcing from diverse businesses where feasible.

Algonquin maintains a supplier due diligence process that prioritizes the selection of reputable and qualified partners. Many suppliers are rated by recognized industry agencies and are publicly listed companies with policies that align with international labor standards. Supplier evaluations include a range of considerations such as workplace safety, environmental practices, quality control systems, financial and commercial strength, business scale, past performance with Algonquin, and overall reputation.

Compliance with local labor laws is a baseline requirement, and the Company expects all suppliers to prohibit the use of forced or child labor. For suppliers identified with higher risk profiles, Algonquin may request additional documentation to improve transparency and traceability. This includes supplier codes of conduct, bill of materials, and workforce disclosures to assess potential exposure and strengthen supply chain accountability.



#### Stakeholder engagement and transparency

Algonquin engages a broad set of stakeholders including employees, customers, investors, and community members. This engagement provides valuable insight into potential risks and emerging issues that may impact people directly or indirectly through the Company's operations. Feedback is used to inform internal practices and improve alignment with environmental, social, and governance priorities.

The Company remains open to stakeholder input on its approach to human rights and other social responsibility matters. By maintaining transparent communication channels and encouraging dialogue, Algonquin continues to refine how human rights risks are addressed and how value can be shared across the communities it serves.



## Indigenous relations

Algonquin recognizes that its operational footprint intersects within the traditional lands of many Indigenous communities across North America, acknowledging and respecting the value of Indigenous history within the land and specifically of its rights holders. Algonquin values opportunities to develop meaningful relationships and engagement through open communication and collaboration. Within the Canadian hydro portfolio, consisting of 14 hydroelectric facilities which are spread across



Liberty New Brunswick recognizing the National Day for Truth and Reconciliation.

four provinces, Algonquin has continued to focus on developing long-term relationships based on trust and consistent community presence.

Throughout 2024, Algonquin continued its efforts of active outreach with local Indigenous communities which included educational scholarships and sponsorships.

As a further recent example of developing and maintaining meaningful, long-term relationships, Algonquin, together with its partner N-R Power Partnership, was engaged with the Taykwa Tagamou Nation ("TTN") to carry-out various contracting opportunities in connection with a major capital project currently underway at the Long Sault Rapids run-of-the-river hydroelectric facility which is located along the Abitibi River, north of the Town of Cochrane, Ontario, situated on the traditional land of the TTN.

## Cybersecurity

As a utility responsible for delivering critical energy and water services, Algonquin places a high priority on cybersecurity as a core component of operational excellence and public trust. Our cybersecurity strategy aligns with our strategic pillars of Growth, Operational Excellence, and Sustainability. It provides a comprehensive roadmap to help protect the infrastructure we operate, safeguard the sensitive data we manage, and support continuity of services for the customers and communities we serve.

At the heart of our cybersecurity mission is a commitment to maintaining the trust of our stakeholders. We aim to secure our operations while enabling safe, reliable, and uninterrupted service delivery. Our cybersecurity vision reinforces this by emphasizing the delivery of effective protections that support business operations and promote resilience across the enterprise.

To meet this ambition, our strategy is guided by three core goals. First, we are cultivating a culture of cybersecurity across the organization. This means integrating cybersecurity awareness into everyday business operations, strengthening employee knowledge, investing in skilled professionals, and establishing strong governance. We also engage with public and private partnerships and industry peers to bolster collective preparedness and threat response.

Second, our approach is grounded in the delivery of comprehensive cybersecurity defenses and services. We focus on our ability to identify, protect, detect, respond to, and recover from cyberattacks, tailoring services to the unique needs of our corporate and operational environments. We also prioritize the protection of our supply chain, maintaining cyber maturity benchmarks that align with customer and regulatory expectations.

Third, we integrate cybersecurity into risk informed decision making. This includes enhancing visibility into cyber risks, enabling business resilience, and supporting leadership with metrics and insights. Our cybersecurity team provides measurable key risk and performance indicators, helping the organization evaluate vulnerabilities and act decisively to safeguard value.

Cybersecurity is not the responsibility of a single team. It is embedded across Algonquin's workforce. Every employee plays a vital role in protecting our systems, services, and stakeholders. To support this, we have implemented foundational behaviors that guide everyday interactions with technology.

Employees are expected to use strong passwords and enable multi-factor authentication to protect their identity. Devices must not be left unattended or used to download unapproved files, and sensitive data should be stored, shared, and encrypted securely. Rapid reporting of phishing attempts and suspicious activity is strongly encouraged to facilitate swift containment and response.

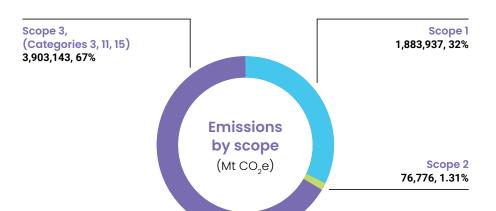
These behaviors are reinforced through our cybersecurity policy, operating principles, and internal training efforts. Together, they help embed a culture of vigilance and responsibility, ensuring our people are equipped to recognize and respond to cyber risks.

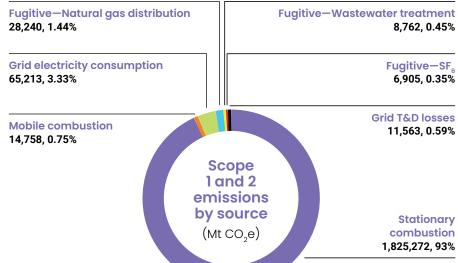
As threats continue to evolve, Algonquin remains committed to continuous improvement and investment in cybersecurity. By combining technological defenses with employee engagement, we are building a safer, more resilient organization that can protect its infrastructure, customers, and communities well into the future.

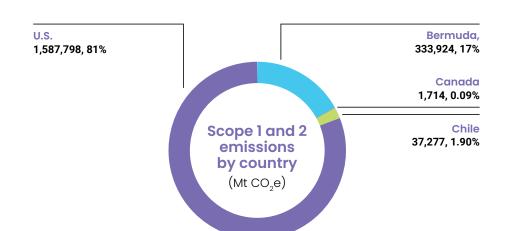


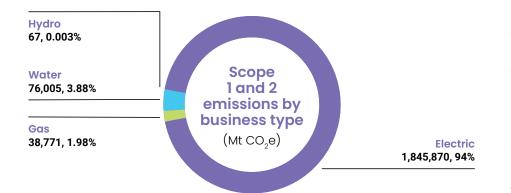
## **Environment and climate**

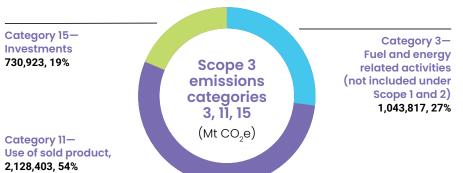


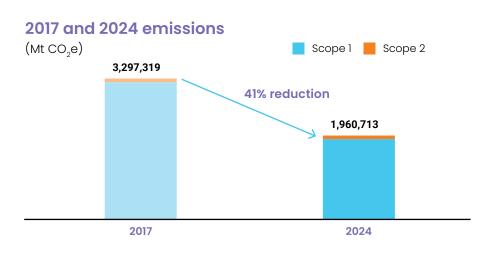














#### Energy efficiency and low-carbon technologies

#### **New generators for Empire Electric**

In 2024, a \$62 million replacement project was initiated at the Riverton power plant in the Central Region. The project is to replace Riverton's Units 10 and 11 with two Siemens SGT-400 industrial gas turbines. Units 10 and 11 have been serving Algonquin's customers for more than 35 years since their installation in 1988. The age of units has led to inefficiencies both technologically and economically. The new generators will be 35-40% more energy efficient. They are also designed to be dual fuel capable, making them the first units in Algonquin's fleet to be capable of using hydrogen as fuel. The project is expected to be online in 2026. Once complete, they will improve Algonquin's ability to deliver reliable electric service to our customers and enhance winter weather operations, while improving Algonquin's generation emissions intensity metrics.

#### Hydrogen pilot at New York Gas

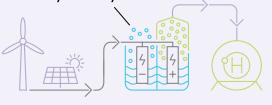
In 2024, our New York Gas operation collaborated with research and industrial partners in an innovative hydrogen pilot project. The project utilized a 10 kW, fully integrated, "plug-and-play" electrolyzer to produce green hydrogen, which was then blended with natural gas in the gas infrastructure to provide heat in our Massena office building in New York. With phase one of the pilot complete, we are working with the manufacturer to identify local commercial customers for a phase two, to produce and direct inject hydrogen into their operations that are metered by New York Gas. The project demonstrates Algonquin's aim to deliver sustainable and clean energy solutions to our customers and communities, and actively participate in the transition to a low-carbon future.



## The clean hydrogen generation process uses water and electricity produced from renewable sources

Because the process is powered by renewable electricity, the hydrogen is considered green hydrogen with zero carbon emissions. Algonquin has been evaluating the pilot closely, in support of the goals of the New York Climate Leadership and Community Protection Act ("CLCPA").

Water passing through the electrolyzer is split into hydrogen and oxygen molecules by electricity.



#### New York Gas' RNG projects

Since the first renewable natural gas ("RNG") project launched in 2023, New York Gas has been demonstrating positive environmental impacts as additional projects are brought online. By transforming waste into a clean energy source, these projects effectively reduce GHG emissions, enhance local air quality through improved odor control, and contribute to a more sustainable energy future for our customers and communities. The RNG projects convert cow manure into clean biogas through anaerobic digestion. The biogas, after being processed to pipeline-quality RNG, can be injected into the existing natural gas pipeline directly as part of Algonquin's gas supply. The gas is eventually distributed to and utilized by our customers for heating and operations.

Our New York Gas operation has five RNG facilities supplying gas to our distribution system, with two more expected in the next year. As of the end of 2024, New York Gas has contracts that allow up to 1,800 MMBtu/day of RNG to be blended into our system, which is approximately 1% of New York Gas' annual total volume. In addition to environmental benefits, the RNG projects are expected to create revenue for farmers and likely result in savings for our customers, due to the gas being sourced locally.



Algonquin team meets with the New York State Public Service Commissioners, David Valesky, and Denise Sheehan.

## O Biodiversity

Algonquin promotes biodiversity through partnerships, conservation education, and environmentally responsible practices. Across its regulated service areas, Algonquin supports ecological stewardship by integrating biodiversity considerations into community programs, vegetation management, and landscaping initiatives.

In Missouri, Algonquin has worked with the Wildcat Glades Nature Group, Joplin Parks and Recreation, and the Missouri Department of Conservation on initiatives that highlight environmental awareness and local biodiversity. As part of an annual Arbor Day and Earth Day event, Algonquin hosts a tree giveaway that distributes hundreds of native species such as eastern redbuds, flowering dogwoods, Kentucky coffeetrees, sourwoods, and sugar maples. These trees are selected for their environmental benefits, and residents are guided on how to plant them in energy-efficient, powerline-safe locations. In 2024, more than 500 trees were distributed, reinforcing the value of planting the right tree in the right place.

These efforts contribute to Algonquin's ongoing recognition by the Arbor Day Foundation as a Tree Line USA utility, a designation it has held since 2009. This designation reflects Algonquin's fulfillment of five core standards: quality tree care, worker training, public education, energy conservation, and participation in Arbor Day celebrations. According to the Arbor Day Foundation, the trees distributed in a single event can provide substantial environmental benefits over their lifetime, including stormwater filtration, air pollution removal, energy savings, and carbon sequestration.

In New York, employees at Algonquin's gas operations continue to support pollinator populations by raising monarch butterflies from caterpillars through to their release. This initiative, now in its second year, aims to raise awareness about declining monarch butterfly populations and supports species recovery through habitat stewardship and education.

Algonquin also encourages the use of native gardens in community spaces and utility-owned properties. Native plants require less water, reduce maintenance needs, and create important habitat for pollinators such as bees and butterflies. By selecting species appropriate for each season and local soil conditions, these gardens offer a sustainable approach to landscaping that supports local ecosystems and enhances community green spaces.

Through these programs, Algonquin is fostering ecological health, educating residents, and supporting biodiversity conservation in ways that align with its purpose of *sustaining energy and water for life*.



Our native garden in Merrick, New York is a beautiful centerpiece for everyone to enjoy.



Arbor Day Foundation endorses Algonquin's annual tree giveaway.

## **○** Water quality

Safe and readily available water is important for public health and well-being. At Algonquin, we aim to provide our customers with safe, high-quality drinking water and reliable service. Our employees work to test, treat, and deliver water that consistently meets or exceeds all state and federal drinking water standards. To promote transparency and inform our customers about the quality of their local drinking water, and as required by the U.S. Environmental Protection Agency ("USEPA"), all our U.S. water operations publish annual Consumer Confidence Reports ("CCRs") on our local utility websites. These reports provide an overview of local water sources, federal and jurisdictional water quality standards, annual water quality testing results, potential pollutants and their health impacts, and necessary precautions for vulnerable populations.



# Access our 2024 CCRs West Region

# Waste and materials management

Algonquin's utility operations generate various types of waste across electric, natural gas, water, and wastewater systems, as well as administrative functions. Waste handling practices vary by location and utility type and are managed in accordance with applicable local, state, provincial, and federal regulations. Contractors are engaged, where appropriate, to support the transportation, disposal, or recycling of waste in line with these requirements.

Typical utility activities may result in general construction debris, surplus materials, and maintenance-related waste. How this material is managed depends on the scope of work, the region, and the availability of local infrastructure or qualified third-party vendors. At administrative offices, standard waste programs are in place, and recycling options are offered for commonly used materials in most locations.

Across other jurisdictions, waste practices are shaped by site-specific conditions, available infrastructure, and contractor capabilities. Internal processes are adjusted as needed to reflect compliance requirements and operational needs.

In California, vegetation management and debris removal were carried out in North and South Lake Tahoe under Algonquin's Wildfire Mitigation Plan.

This work focused on clearing brush and other materials near utility poles to reduce the risk of wildfire and to maintain forest conditions. In 2024, this effort generated nearly 4,000 tons of biomass. More than 95% of the material was repurposed into compost, mulch, wood chips, firewood, and log decks. These materials were distributed at no cost to local communities



## Infrastructure modernization

Utility infrastructure enables the delivery of electricity, gas, and water to our customers, and it is integral to the functionality of the communities that we serve. During 2024, Algonquin undertook various projects across the business focusing on upgrading and expanding our infrastructure. These efforts were aimed at enhancing the reliability, resilience, and modernization of electric, natural gas, water, and wastewater services, and meet the growing needs of our communities. The table below showcases some of Algonquin's key infrastructure projects in 2024.





200

Electric

**New Hampshire:** 

**Rockingham Substation** 

The project helped modernize the local grid, increased system capacity by 50 MW (100%) and improved service and reliability for customers. It is also helping to spur economic growth by supporting new developments such as Tuscan Village, a 4 million square-foot, mixed-use destination.

#### Georgia:

Gainesville's Northeast Georgia Medical Center

Our natural gas service will be essential to the recent expansion of Gainesville's Northeast Georgia Medical Center. The project involves installing nearly 11,000 feet of gas mains, which is over two miles, to support the hospital's operations and support its expansion.

#### New York:

Water and wastewater

Learn more about our

**U.S. infrastructure projects** 

Advanced Metering Infrastructure ("AMI")

Our New York Water operation has been upgrading its metering technology, by replacing 126,500 meters in Long Island and Upstate New York with new advanced meters. This effort, which began in May 2020 and continues through 2025, aims to meet regulatory requirements and provide customers with tools to better manage their water consumption through access to usage data.

Central Region

East

Region

Arkansas (Empire):

New substation serving Gentry

Our customers in Gentry previously received power from a substation in nearby Decatur. With the tremendous growth in demand, a portable substation was used. This new substation will serve more than 2,000 customers through three new circuits, intersecting with the existing infrastructure. We've also added additional reclosers and switches, which will help reduce the number of outages for our customers and improve the overall quality of service.

#### Missouri, Iowa, and Illinois: Gas pipeline replacement

Our gas team in the Central Region has been working hard to replace aging bare steel and PVC pipelines with polyethylene pipes. The new material is lighter, more durable, easier to install, and costs less than steel. Plus, it helps deliver the pressure requirements of the distribution system. As of 2024, there is no longer any cast-iron piping in any of our gas systems in these states, while several cities in Missouri and Illinois have also had all PVC pipes replaced.

#### Arkansas and Missouri: Water infrastructure upgrading

Ongoing and upcoming projects include engineering for increasing plant capacity to better serve our Arkansas customers; creating a new well to add production capacity in Taney County, Missouri; and engineering for a new wastewater treatment plant in Bolivar, Missouri.

These projects aim to enhance water service and infrastructure, address current needs, and prepare for future growth and environmental compliance in the affected areas of both states.





Not applicable



Water and wastewater

West Region

#### California (Calpeco): New substation in Portola, CA

The new Portola substation, operational since March 2024, enhances power reliability and reduces wildfire risk in the Portola area in California. The new equipment can quickly detect faults while meeting customer's power demands. This new infrastructure also supports future electricity needs and growth in the region.



#### Boosting energy service and reliability

## Empire Electric (Central Region) was awarded \$47.5 million for Project DA ("Distribution Automation")

In December 2024, Algonquin's Empire electric operation was awarded \$47.5 million funding by the U.S. Department of Energy (DOE) through the Grid Resilience and Innovation Partnerships (GRIP) Program.

This awarded DA project will see the deployment of smart grid technology in the electric service area in Missouri, Oklahoma, Kansas, and Arkansas. The project will install approximately 300 autoreclosers over five years across Empire's service area, improving our ability to deliver reliable, affordable, and clean energy to the grid. The autoreclosers are capable of clearing powerline faults resulting from tree, animal, or debris contacts and restoring service without human intervention. This technology can decrease the System Average Interruption Duration Index ("SAIDI"), which measures the average outage time for customers, by approximately 30% for applicable circuits. The grant program is funded through the Bipartisan Infrastructure Law and leverages U.S. federal and private investments. Receiving the full award enables a 50% project cost reduction for our customers.

#### Cordes Lakes, Arizona:

#### Cordes Lakes system upgrades

Since acquiring the Cordes Lakes water system in 2019, the West Region has focused on critical improvements to boost service reliability, including ensuring a sufficient water supply, enhancing infrastructure, and optimizing system efficiency.

#### Litchfield Park, Arizona:

#### **Well 19B**

Well 19B came online in September 2024. With a capacity of 740 gallons per minute ("GPM"), Well 19B provides customers with a new safe and reliable potable water source while supporting growth in the area. It also allows for greater operational flexibility and reliability when maintaining or repairing any of our other water sources serving the system.

#### Goodyear, Arizona:

#### Sarival Water Reclamation Facility ("Sarival WRF")

In 2024, we completed the construction of the Sarival WRF in Goodyear, Arizona. The Sarival WRF uses an innovative membrane bioreactor ("MBR") treatment process. It is able to treat 4 million gallons of wastewater per day ("MGD"), with room for a potential expansion that would increase treatment capacity to 8.2 MGD.

The non-potable water generated in this facility can be used to water golf courses, aid in agricultural activities (to areas such as the Roosevelt Irrigation District), and contributes to water displays like that found in Operators Park. Sarival WRF is also responsible for aquifer recharge and the maintenance of sensitive groundwater supplies. We recover 36% of water that is withdrawn from the aquifer and reuse it in our wastewater operations. This facility is dually dedicated to increasing drought tolerance and supporting a sustainable drinking water system for Algonquin's customers in Central Arizona.

In addition, there are various water infrastructure improvements projects in the West Region. Examples are the Forest Green pump replacement project; installation of new pipes, fire hydrants, and service connections for the new Apple Bear Retail Center development; and the Newmire and Target water main replacement project.

# Net zero pathway

In 2021, Algonquin set a long-term goal to be net-zero for Scope 1 and 2 emissions by 2050. We continue to move towards this goal via the improvements we make in our operations that align with the interim 2030 carbon intensity targets first published in our 2024 report. Like many of our peers, the pathway to achieving net-zero by 2050 is not straightforward and needs to balance customer affordability, technical feasibility, and regulatory constraints in a reasonable manner. Based on company-wide assessments, supported by specific analysis done within our long-term integrated resource plans, pathways to net-zero have been identified. However, to become truly viable, these pathways will require advancements in technology and cost reduction, as well as in political and regulatory processes. As is the case with most long-term processes, there is a high degree of uncertainty that must be accounted for. investments in the one-to-five-year time horizon that Algonquin will continue to evaluate and update our

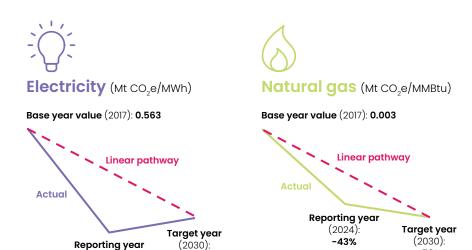


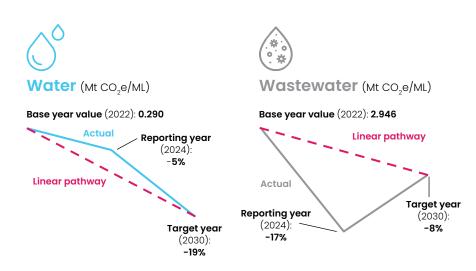
## **Progress towards 2030**

As part of our journey to reducing emissions, Algonquin has set 2030 interim targets for each of our commodity areas as a mechanism for tracking and supporting action on emission reductions in the near term. Individual targets were set to account for the material differences in scope, scale, and sources of emissions from each of our electricity, gas, and water businesses.

The core focus of the 2030 targets is to achieve materially reduced emissions intensity within our business groups, enabled through improvements in operational efficiency, investments in new infrastructure and technologies, and increasing the volume of low-carbon energy supply. Key near-term initiatives include investments to replace leak-prone pipe in our natural gas distribution utilities, replacement of old, inefficient electrical generation with efficient gas and renewable options, and upgrades to our water distribution and treatment facilities that reduce losses and improve efficiency. With five years remaining to achieve our 2030 targets,

Algonquin has already experienced solid progress that indicates we are on track to meet our goals. In two instances, electricity and wastewater, our 2024 results have already surpassed our 2030 intensity targets. However, we expect this trend to moderate back into our original estimate range, as 2024's results were heavily influenced by several factors that are not expected to remain consistent from year to year. These influences include the variable nature of renewable energy production, dispatch and maintenance outage schedules for fossil generation facilities, and the treatment volumes and performance of our wastewater treatment facilities. We recognize that bending the emissions curve is a long-term endeavour and not necessarily a linear process.





Algonquin • Liberty 2025 Corporate Sustainability Report

(2024) **-52%** 

## Forward looking statements

This document contains statements that constitute "forward-looking" information" within the meaning of applicable securities laws in each of the provinces and territories of Canada and the respective policies, regulations and rules under such laws or "forward-looking statements" within the meaning of the U.S. Private Securities Litigation Reform Act of 1995 (collectively, "forward-looking information"). The words "aims" "anticipates", "believes", "could", "can", "estimates", "expects", "forecasts", "intends", "may", "might", "plans", "targets", "projects", "schedule", "seeks", "should", "strives", "targets", "will", "would" (and grammatical variations of such terms) and similar terms are often intended to identify forward-looking information, although not all forward-looking information contains these identifying words. Specific forward-looking information in this report includes, but is not limited to, statements relating to: expected future growth and results of operations; expectations regarding generation availability, capacity and production; sustainability strategy, initiatives, projects, targets and goals, including related to reducing greenhouse gas emissions and carbon footprint, net-zero targets (including interim targets to reach net-zero), alignment with SDGs, grid modernization and climate adaptive infrastructure, and the expected benefits, outcomes and results thereof and timelines related thereto; outcomes of our safety goals and plans; community investment and engagement efforts; customer benefits; integration of sustainability-related analysis, insights and opportunities into Algonquin's business processes and strategies; sustainability governance; ongoing and planned projects, including expectations regarding costs, timing, in-service dates, completion dates, generation capacity, job creation and community benefits; integration of climate risks into Algonquin's enterprise risk management framework; regulatory, procurement, employee and governmental policy and legislative initiatives and approaches, including expected benefits of legislative initiatives; expected future capital investments, including expected timing and impacts; expected future environmental and social impacts

of Algonquin's water, electric and natural gas projects; biodiversity, vegetation and conservation initiatives; employee attraction, retention and engagement initiatives; and the potential impacts of climate change. All forward-looking information is given pursuant to the "safe harbour" provisions of applicable securities legislation.

The forecasts and projections that make up the forward-looking information contained herein are based on certain factors or assumptions which include, but are not limited to: the receipt of applicable regulatory approvals and requested rate decisions; the presence of a favourable regulatory environment; the commercial viability of emerging technologies; the absence of any material equipment breakdown or failure; availability of financing on commercially reasonable terms and the stability of credit ratings of Algonquin and its subsidiaries; the absence of unexpected material liabilities or uninsured losses; the continued availability of commodity supplies and stability of commodity prices; interest rate increases or significant currency exchange rate fluctuations; the absence of significant operational, financial or supply chain disruptions or liability due to natural disasters, diseases or other force majeure events; the ability to maintain systems and facilities to ensure their continued performance; the absence of a severe and prolonged downturn in general economic, credit, social and market conditions; the successful and timely development and construction of new projects; the absence of capital project or financing cost overruns; sufficient liquidity and capital resources; the absence of significant counterparty defaults; the continuation of observed and long-term weather patterns and trends; the continued competitiveness of electricity pricing when compared with alternative sources of energy; the realization of the anticipated benefits of Algonquin's acquisitions and joint ventures; the absence of a change in applicable laws, political conditions or public policies and directions by governments materially negatively affecting Algonquin; the ability to obtain and maintain

licenses and permits; maintenance of adequate insurance coverage; the absence of material fluctuations in market energy prices; the absence of material disputes with taxation authorities or changes to applicable tax laws; continued maintenance of information technology infrastructure and the absence of a material breach of cybersecurity; successful implementation of new information technology systems and infrastructure; favourable relations with external stakeholders; favourable labour relations; the viability, financial and otherwise, of community engagement efforts and sustainability projects; the reliability of scientific evidence upon which sustainability efforts are based; the reliability of software and collection systems for sustainability data; and the availability of diverse suppliers and qualified personnel to satisfy continued diversity and inclusion efforts.

The forward-looking information contained herein is subject to risks, uncertainties and other factors that could cause actual results to differ materially from historical results or results anticipated by the forward-looking information. Factors which could cause results or events to differ materially from current expectations include, but are not limited to: changes in general economic, credit, social and market conditions; changes in prevailing attitudes and tolerances with respect to climate change and net-zero strategies and initiatives; changes in customer energy usage patterns and energy demand; global climate change; advancements in environmental science; the development of new sustainable technologies; the incurrence of environmental liabilities; natural disasters, diseases, pandemics, public health emergencies and other force majeure events; critical equipment breakdown or failure; supply chain disruptions; the imposition of import controls or tariffs; the failure of information technology infrastructure and other cybersecurity measures to protect against data, privacy and cybersecurity breaches; physical security breach; the loss of key personnel and/or labour disruptions; failure to successfully implement,

and cost overruns and delays in connection with, new information technology systems and infrastructure; reductions in demand for electricity, natural gas or water due to developments in technology; reliance on transmission systems owned and operated by third parties; issues arising with respect to land use rights and access to Algonquin's facilities; fluctuations in commodity and energy prices; capital expenditures; reliance on subsidiaries; the incurrence of an uninsured loss; a credit rating downgrade; an increase in financing costs or limits on access to credit and capital markets; significant inflation; increases and fluctuations in interest rates and failure to manage exposure to credit and financial instrument risk; currency exchange rate fluctuations; restricted financial flexibility due to covenants in existing credit agreements; an inability to refinance maturing debt on favourable terms; disputes with taxation authorities or changes to applicable tax laws; failure to identify, acquire, develop or timely place in service projects to maximize the value of tax credits; default by a counterparty; inaccurate assumptions, judgments and/or estimates with respect to asset retirement obligations; failure to maintain required regulatory authorizations; failure to comply with and/or changes to health and safety, environmental and other applicable laws, regulations and standards; failure of compliance programs; delays and cost overruns in the design and construction of projects; facilities being condemned or otherwise taken by governmental entities; increased external stakeholder activism adverse to Algonquin's interests; fluctuations in the price and liquidity of Algonquin's common shares and Algonquin's other securities; impact of significant demands placed on Algonquin as a result of growth strategies; and the loss of key customers. Although Algonquin has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking information, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. Some of these and other factors are discussed in more detail under the heading "Enterprise Risk Factors" in Algonquin's most recent annual information form and under the heading "Enterprise Risk Management" in Algonquin's most recent annual and interim management discussion and analysis, each of which has been filed on SEDAR and EDGAR.

There can be no assurance that forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such forward-looking information. Accordingly, readers should not place undue reliance on forward-looking information.

While subsequent events and developments may cause Algonquin's views to change, Algonquin disclaims any obligation to update any forward-looking information or to explain any material difference between subsequent actual events and such forward-looking information, except to the extent required by applicable law. All forward-looking information contained herein is qualified by these cautionary statements.

#### Appendix I:

## 2024 SASB index<sup>1,2</sup>

#### Electric utilities and power generators

#### Greenhouse gases ("GHGs") and energy resource planning

No.	Disclosure		2024
EU-110a.1	Gross global Scope 1 emissions (Mt CO <sub>2</sub> e) <sup>3</sup> Percentage covered under emission-limiting regulations <sup>4</sup> Percentage covered under emission-reporting regulations <sup>5</sup>		1,883,937 0.00% 77.56%
EU-110a.2	GHG emissions associated with power deliveries	Owned power <sup>6</sup> Purchased power <sup>7</sup>	1,821,063 11,563
EU-110a.3	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets		<ul><li>S Environment and climate</li><li>S Net zero pathway</li><li>S Progress towards 2030</li></ul>
EU-110a.4	Number of customers served in markets subject to renewable portfolio standards ("RPS") <sup>8</sup> Percentage of fulfillment of RPS target		278,198 100%

- 1. Scope of disclosure: Unless explicitly noted, annual data herein is presented for the fiscal year beginning on January 1 and end on December 31 of the specified year, and data reflecting a specific point in time is given as at December 31 of the specified year.
- 2. The 2024 data has been collected to reflect Algonquin Power & Utilities Corp.'s ("AQN") transition to a pure-play utility. AQN, the parent company of Liberty, no longer owns and operates the Renewable Energy Group. The data presented includes information from our regulated and hydro businesses, unless otherwise specified.
- 3. This includes AQN's total global Scope 1 emissions from the Regulated Service Group (including all electric, gas, and water businesses) and the non-regulated Hydro Group.
- 4. Emissions-limiting regulation included: Alberta Technology Innovation and Emissions Reduction ("TIER") regulation.
- 5. This includes emissions from the stationary combustion of AQN's Empire thermal facilities, fugitive SF<sub>6</sub> emissions from Empire Electric, and Granite State Electric, and fugitive methane emissions from gas distributions in Massachusetts, New Hampshire, New York, Georgia, Missouri, Iowa, and Illinois.
- 6. Emissions for owned power include total Scope 1 and 2 emissions from all of AQN's power generation facilities.
- 7. Emissions for purchased power include emissions from the transmission and distribution ("T&D") losses (Scope 2) of power purchase agreements ("PPAs") purchased by Empire Electric, Calpeco Electric, and Granite State Electric.
- 8. This covers all of our customers served by Empire Electric, Calpeco Electric, and Granite State Electric.

#### Air quality

No.	Disclosure	2024		
EU-120a.1	NO <sub>x</sub> (Mt) SO <sub>x</sub> (Mt) PM <sub>10</sub> (Mt) Lead (Mt) Mercury (Mt)	371 8.5 47.7 0.00000 0.00000		
Water mo	anagement			
EU-140a.1	Total water withdrawn (megaliters) Percentage of water withdrawn in regions with high or extremely high baseline water stress	4,087 0.05%		
EU-140a.2	Number of incidents of non-compliance associated with water quantity and/or quality permits, standards, and regulations—U.S. only	3		
EU-140a.3	Description of water management risks and discussion of strategies and practices to mitigate those risks	<ul><li>S Material priorities and enterprise risk</li><li>S Operational excellence and energy</li></ul>		
Energy at	fordability			
EU-240a.3	Number of residential customer electric disconnections for non-payment—U.S. only Percentage reconnected within 30 days—U.S. only	2,399 43%		
EU-240a.4	Discussion of the impact of external factors on customer affordability of electricity, including the economic conditions of the service territory	<ul><li>S Materiality review and priority topics</li><li>S Customer and community</li></ul>		
Workforce health & safety				
EU-320a.1	Total recordable incident rate ("TRIR") Total recordable fatality rate ("TRFR") Total recordable near miss frequency rate ("NMFR")	Sustainability Performance Index 2024 - Health and Safety		

#### End-use efficiency & demand

No.	Disclosure	2024
EU-420a.2	Percentage of electric load served by smart grid technology (%/MWh)—U.S. only	66%
EU-420a.3	Customer electricity savings from efficiency measures by market (MWh)—U.S. only <sup>9</sup>	25,133

#### **Grid resiliency**

EU-550a.1	Number of incidents of non-compliance with physical and/or cybersecurity standards or regulations—U.S. and Canada only	0
EU-550a.2	System Average Interruption Duration Index (minutes)	565.38
	System Average Interruption Frequency Index (rate)	1.77
	Customer Average Interruption Duration Index (minutes, inclusive of major events days)	319.31

#### **Activity metrics**

EU-000.A	Average active customer connections	Residential Commercial and industrial	263,400 43,000
EU-000.B	Total electricity delivered (MWh)	Residential Commercial and industrial	2,777,800 3,721,700
EU-000.C	Length of distribution lines (miles)		13,738
EU-000.D	Total electricity generated (MWh)—Regulated and Hydro Group		7,270,346
		Natural gas Heavy fuel oil Hydropower <sup>10</sup> Solar Wind  Percentage in regulated markets	50.8% 7.3% 7.8% 1.6% 32.5%
EU-000.E	Total wholesale electricity purchased (MWh)		1,527,134

<sup>9.</sup> This is the total electricity savings from energy-saving measures in 2024, as filed with state regulatory commissions.

<sup>10.</sup> Including 0.7% regulated and 7.1% non-regulated.

#### Gas utilities and distributors

#### **Energy affordability**

No.	Disclosure		2024	
GU-240a.3	Number of residential disconnections (non-payment)—U.S. and Canada		15,781	
GU-240a.4	Percentage reconnected within 30 days		35%	
GU-240a.4	Discussion of impact of external factors on customer affordability of gas, including the economic conditions of the service territory		<ul><li>S Materiality review and priority topics</li><li>S Customer and community</li></ul>	
End-use	efficiency			
GU-420a.2	Customer gas savings–efficiency measures (MMBtu)–U.S. only <sup>11</sup>		209,367	
Integrity	of gas delivery infrastructure			
GU-540a.1	Number of reportable pipeline incidents		0	
	Number of corrective action orders ("CAO")—U.S. only		0	
	Number of notices of probable violation ("NOPV")—U.S. only		42	
GU-540a.2	Distribution pipeline that is cast/wrought iron (%) Distribution pipeline that is unprotected steel (%)		0.96%	
			0.89%	
GU-540a.4	Description of efforts to manage the integrity of gas delivery infrastructure, including risks related to safety and emissions		S Material priorities and enterprise risk	
			S Operational excellence and energy	
Activity metrics				
GU-000.A	Average active customer connections	Residential	323,000	
		Commercial and industrial	40,000	
GU-000.B	Gas delivered (MMBtu)	Residential	19,770,000	
		Commercial and industrial	20,301,000	
GU-000.C	Length of distribution pipelines (miles)		9,350	

<sup>11</sup> This is the total gas savings from energy-saving measures in 2024, as filed with state regulatory commissions.

#### Water utilities and distributors

#### **Energy management**

No.	Disclosure		2024	
WU-130a.1	Energy consumption	Total energy consumed (GJ) Percentage grid electricity	670,598 89.60%	
Effluent q	uality management			
WU-140b.1	Number of incidents of non-compliance associated with water effluent quality permits, standards, and regulations		74	
WU-140b.2	Discussion of strategies to manage effluents of emerging concern		While contaminants of emerging concern are currently not regulated, Algonquin may address these concerns in its wastewater effluents on a case-by-case basis through education, recycling, new technologies, and limiting the source of the constituent.	
Water affordability and access				
WU-240a.3	Number of residential disconnections (non-payment)—U.S. only Percentage reconnected within 30 days—U.S. only		6,671 87%	
WU-240a.4	Discussion of impact of external factors on customer affordability of water, including economic conditions of the serv	ce territory	<ul><li>S Materiality review and priority topics</li><li>S Customer and community</li></ul>	

#### Drinking water quality

No.	Disclosure		2024
WU-250a.1	Number of drinking water violations	Acute health-based	0
		Non-acute health-based Non-health-based	6 7
WU-250a.2	Discussion of strategies to manage drinking water contaminants of emerging concern	THOM THOUSEN DESCRIPTION OF THE PROPERTY OF TH	Algonquin's Regulated Services Group is committed to protecting public health and meets or surpasses all state and federal health standards for tap water in the communities where it does business. To help advance the science of drinking water, we have been collecting data for the U.S. Environmental Protection Agency ("EPA") since the Fifth Unregulated Contaminant Monitoring Rule was enacted in December 2021. Collecting information about the occurrence of unregulated compounds is the first step in the EPA's efforts to determine whether the compounds should be regulated. Water quality is at the foundation of our regulated water utility business, and we aim to act proactively, in advance of proposed laws and/or regulations, to ensure the health and safety of our customers.
WU-420a.2	Customer water savings from efficiency measures, by market (gallons) 12		139,166,798
Water sup	oply resiliency		
WU-440a.1	Total water sourced from regions with high or extremely high baseline water stress (megaliters)  Percentage purchased from third-party in regions with high or extremely high baseline water stress		99,035 12.2%
WU-440a.2	Volume of recycled water delivered to customers (megaliters)		2,074
WU-440a.3	Discussion of strategies to manage risks associated with the quality and availability of water resources		<ul><li>S Material priorities and enterprise risk</li><li>S Operational excellence and energy</li></ul>

12 This is the total water savings from water-saving measures in 2024.

## Network resiliency and impacts of climate change

No.	Disclosure	2024	
WU-450a.1	Wastewater treatment capacity located in 100-year flood zones (m³/day)	13,264	
WU-450a.4	Description of efforts to identify and manage risks and opportunities related to the impact of cl	<ul><li>S Material priorities and enterprise risk</li><li>S Operational excellence and energy</li></ul>	
Activity n	netrics		
WU-000.A	Average active wastewater customer connections  Average active water distribution customer connections	55,700 510,600	
WU-000.B	Percentage of water sourced by source type—water utilities only	Total water sourced (megaliters)	199,243
		Surface water	12.6%
		Groundwater	78.1%
		Third-party water	9.3%
		Other	0.0%
WU-000.C	Water provided (megaliters)	150,459	
WU-000.D	Wastewater treated (megaliters)	14,067	
WU-000.E	Length of water mains (miles)		7,456

## Appendix II:

# 2024 GRI index

#### **General disclosures**

#### Organization and its reporting practices

#### Source and notes **GRI Standard** Disclosure **GRI 2: General Disclosures 2021** Organizational details Company overview and transformation Overview and Business Strategy 1. Corporate Structure 2. General Development of the Bbusiness 3. Description of the Business Entities included in the organization's sustainability reporting Company overview and transformation Overview and Business Strategy 1. Corporate Structure Reporting period, frequency, and contact point About this report Corporate info **Explanatory Notes**

#### **GRI** content index

#### Legend

<u>AIF</u> 2025 Annual Information Form

AR 2024 Annual Report

DP 2024 CDP Corporate Questionnaire
2024 Sustainability Performance Index
2025 Management Information Circular

S 2025 Sustainability Report

2020 TCFD Climate Change Assessment Report

W External report

#### Statement of use

Algonquin Power & Utilities Corp. has reported the information with reference to the GRI Standards for the period January 1, 2024 to December 31, 2024.

**GRI 1 used** GRI 1: Foundation 2021

(continued...)

GRI Standard	Disclosure			Source and notes		
GRI 2: General Disclosures 2021	2-4	Restatements of information	<u>SPI</u>	Footnote 29: Base year and historical year GHG emissions were recalculated in 2025 following AQN's GHG Base Year Recalculation Policy, to incorporate the updated emission factors to quantify fugitive methane emissions from Algonquin's natural gas distribution system in the U.S. and Canada.		
	2-5	External assurance	W	2024 GHG verification report		
	2-6	Activities, brands, products, and services	<u>S</u>	Company overview and transformation		
			<u>AR</u>	Overview and Business Strategy		
			<u>AR</u>	Regulated Service Group and our service footprint		
			<u>AIF</u>	1. Corporate Structure		
			<u>AIF</u>	2. General Development of the Business		
			<u>AIF</u>	3. Description of the Business		
	2-7	Employees	<u>S</u>	Employee commitment		
			<u>SPI</u>	Employee demographics		
	2-9	Governance structure and composition	<u>S</u>	Governance oversight and accountability		
			<u>AIF</u>	8. Directors and Officers		
			MIC	Corporate governance practices		
			I	Governance		
			W	Mandate of the Corporate Governance Committee		
	2-10	Nomination and selection of the highest governance body	MIC	Director nominees		

(continued...)

GRI Standard	Disclosure	Source and notes
GRI 2: General Disclosures 2021	2-11 Chair of the highest governance body	MIC Director profiles
		W Position Description for Chair of the Board
		MIC Position descriptions
	<b>2-12</b> Role of the highest governance body in overseeing the management of impo	acts <u>S</u> Letter from the Chief Executive Officer
		Second to the second
		AIF 3.9 Oversight of Sustainability
		MIC Corporate governance practices
		W Mandate of the Risk Committee
		W Mandate of the Corporate Governance Committee
		CDP C4. Governance
	2-13 Delegation of responsibility for managing impacts	S Governance oversight and accountability
		MIC Committees of the board
		MIC Position descriptions
		W Mandate of the Risk Committee
		W Mandate of the Corporate Governance Committee
	2-14 Role of the highest governance body in sustainability reporting	S Governance oversight and accountability
		AIF 3.9 Oversight of Sustainability
		W Mandate of the Corporate Governance Committee
		CDP C4. Governance
	2-15 Conflicts of interest	MIC Conflict of interest
		AIF 8.5 Conflicts of Interest
		W Code of Business Conduct and Ethics
		W Policy on Supplier Code of Conduct

(continued...)

GRI Standard	Disclosure	Source and notes
GRI 2: General Disclosures 2021	2-16 Communication of critical concerns	S Governance oversight and accountability CDP C4. Governance W Mandate of the Board of Directors W Position Description for Chair of the Board
	2-17 Collective knowledge of the highest governance body	MIC Director nominee profiles  MIC New director orientation  MIC Continuing education for Directors
	2-18 Evaluation of the performance of the highest governance body	MIC Corporate governance practices
	2-19 Remuneration policies	MIC Executive compensation  MIC Non-employee director compensation
	2-20 Process to determine remuneration	MIC Executive compensation  MIC Non-employee director compensation
	2-21 Annual total compensation ratio	SPI Employee pay ratios

(continued...)

GRI Standard	Disclo	sure	Source and notes		
GRI 2: General Disclosures 2021	2-22	Statement on sustainable development strategy	W	Our Commitment to Sustainability	
			<u>S</u>	Letter from the Chief Executive Officer	
			<u>S</u>	Corporate and strategic outlook	
	2-23	Policy commitments	<u>S</u>	Ethics and public affairs	
			<u>S</u>	Employee commitment	
			W	Human Rights Policy	
			W	Code of Business Conduct and Ethics	
			W	Policy on Supplier Code of Conduct	
			W	Our Commitment to Sustainability	
			W	Our Commitment to Environment, Health & Safety	
			W	Our commitment to the UN SDGs	
	2-24	Embedding policy commitments	W	Code of Business Conduct and Ethics	
			W	Policy on Supplier Code of Conduct	
			W	Corporate documents and filings	
	2-25	Processes to remediate negative impacts	<u>S</u>	Governance, ethics, and public affairs	
			W	Code of Business Conduct and Ethics	
			W	Policy on Supplier Code of Conduct	
			W	Human Rights Policy	
			W	2024 Annual Report — Fighting Against Forced Labour and Child Labour in Supply Chains Act	
	2-26	Mechanisms for seeking advice and raising concerns	<u>S</u>	Governance, ethics, and public affairs	
			MIC	Corporate governance practices	
			W	Ethics Reporting Policy	

(continued...)

GRI Standard	Disclosure	Source and notes
GRI 2: General Disclosures 2021	2-27 Compliance with laws and regulations	Compliance (Indigenous relations, anti-corruption, anti-competitive behaviour, social and economic compliance)  Compliance with environmental laws and regulations  Ethics Reporting Policy  Mandate of the Audit & Finance Committee  Code of Business Conduct and Ethics  Mandate of the Board of Directors
	2-28 Membership associations	U.S. Trade Associations  • Edison Electric Institute ("EEI")  • American Gas Association ("AGA")  • National Association of Water Companies ("NAWC")  • Missouri Energy Development Association ("MEDA")  • Missouri Gas Association  • New Hampshire Business & Industry Association  • Water Utility Association of Arizona ("WUAA")  • California Water Association ("CWA")  Canadian Trade Associations  • Canadian Gas Association  Chile Trade Association  • Asociación Nacional de Empresas de Servicios Sanitarios ("ANDESS")
Stakeholder engagement		
GRI 2: General Disclosures 2021	2-29 Approach to stakeholder engagement	<ul> <li>Materiality review and priority topics</li> <li>Stakeholder engagement and transparency</li> <li>Investor Update, June 03, 2025: Delivering for stakeholders: our true north</li> <li>5.11 Engage with value chain on environmental issues</li> </ul>
	<b>2-30</b> Collective bargaining agreements	SPI Collective bargaining agreement coverage

# **Material topics**

### Disclosures on material topics

GRI Standard	Disclo	sure	Sour	rce and notes	
GRI 3: Material Topics 2021	3-1	Process to determine material topics	<u>S</u>	Materiality review and priority topics	
	3-2	List of material topics	<u>S</u>	Materiality review and priority topics	
Economic performance					
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics	
			AR	Management Discussion & Analysis ("MD&A")	
			<u>AIF</u>	4. Enterprise Risk Factors	
GRI 201: Economic Performance 2016	201-1	Direct economic value generated and distributed	<u>SPI</u>	Economic value generated and distributed	
	201-2	Financial implications and other risks and opportunities due to climate change	<u>S</u>	Task Force on Climate Related Financial Disclosures ("TCFD")	
			I	Climate change risk control and mitigation	
			<u>CDP</u>	C3. Disclosure of risks and opportunities	
			<u>AIF</u>	4. Enterprise Risk Factors	
	201-3	Defined benefit plan obligations and other retirement plans	<u>SPI</u>	Defined benefit plan	
Market presence					
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics	
			<u>AR</u>	Management Discussion & Analysis ("MD&A")	
			<u>AIF</u>	4. Enterprise Risk Factors	
GRI 202: Market Presence 2016	202-1	Ratios of standard entry level wage by gender compared to local minimum wage	<u>SPI</u>	Ratios of entry level wage to local minimum wage	
	202-2	Proportion of senior management hired from the local community	Algo	nquin does not document the location of employees prior to employment.	
					(continued)

# Material topics (...continued)

### Indirect economic impacts

GRI Standard	Disclosure		Soui	Source and notes		
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics		
			AR	Management Discussion & Analysis ("MD&A")		
			<u>AIF</u>	4. Enterprise Risk Factors		
GRI 203: Indirect Economic Impacts 2016	203-1	Infrastructure investments and services supported	<u>S</u>	Customer energy efficiency		
			<u>S</u>	Infrastructure modernization		
			<u>S</u>	Boosting energy service and reliability		
			<u>SPI</u>	Economic value generated and distributed		
	203-2	Significant indirect economic impacts	For i	nformation on economic impacts, please refer to the 2025 AIF.		
Procurement practices						
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics		
			<u>S</u>	Supply chain screening and expectations		
			<u>W</u>	Policy on Supplier Code of Conduct		
			W	2024 Annual Report — Fighting Against Forced Labour and Child Labour in Supply Chains Act		
GRI 204: Procurement Practices 2016	ces 2016 204-1 Proportion of spending on local suppliers Algonquin does not currently track the		nquin does not currently track this information centrally.			

(continued...)

# Material topics (...continued)

### **Anti-corruption**

GRI Standard	Disclosure		Sour	Source and notes	
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics	
			W	Code of Business Conduct and Ethics	
			W	Policy on Supplier Code of Conduct	
GRI 205: Anti-corruption 2016	205-1	Operations assessed for risks related to corruption	<u>SPI</u>	Anti-corruption	
			AIF	4.2 Risk Factors Relating to Regulatory Environment	
	205-2	Communication and training about anti-corruption policies and procedures	<u>SPI</u>	Anti-corruption	
			W	Code of Business Conduct and Ethics	
			W	Policy on Supplier Code of Conduct	
	205-3	Confirmed incidents of corruption and actions taken	<u>SPI</u>	Anti-corruption	
Anti-competitive behavior					
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics	
			W	Code of Business Conduct and Ethics	
			W	Policy on Supplier Code of Conduct	
GRI 206: Anti-competitive behavior 2016	206-1	Legal actions for anti-competitive behaviour, anti-trust, and monopoly practices	<u>SPI</u>	Anti-competitive behaviour	

(continued...)

# **Environment**

### Energy

GRI Standard	Disclosure	Source and notes
GRI 3: Material Topics 2021	3-3 Management of material topics	S Materiality review and priority topics
		S Governance
		CDP C2-C7
		W Our Commitment to Sustainability
		W Our Commitment to Environment, Health & Safety
		W Our commitment to the UN SDGs
GRI 302: Energy 2016	302-1 Energy consumption within the organization	SPI Internal energy consumption
		<u>CDP</u> 7.29 & 7.30
	302-2 Energy consumption outside of the organization	Energy consumption from Algonquin's customers is the primary source of energy outside the organization. Energy delivered to end customers is outlined on page 20 of Algonquin's 2024 Annual Report. Other sources of energy consumption have not been collected, but are primarily from: Algonquin's investments in Plum Point and latan coal facilities; upstream energy use for the extraction, production, and transportation of fuels consumed by Algonquin; and upstream energy use for the electricity and natural gas distributed by Algonquin.
	302-3 Energy intensity	SPI Energy consumption intensity
	302-4 Reduction of energy consumption	SPI Internal energy consumption
		CDP 7.29 & 7.30 Energy consumption and energy-related activities
	302-5 Reductions in energy requirements of products and services	SPI Energy consumption intensity for power generation
		(continued)

# Environment (...continued)

### Water and effluents

GRI Standard	Disclosure	Source and notes
GRI 3: Material Topics 2021	3-3 Management of material topics	S Materiality review and priority topics
		S Governance
		S Water quality
		CDP C9 Environmental performance - water security
		W Our Commitment to Sustainability
		W Our Commitment to Environment, Health & Safety
		W Our commitment to the UN SDGs
GRI 303: Water and Effluents 2018	303-1 Interactions with water as a shared resource	<u>S</u> Water quality
		CDP C9 Environmental performance - water security
	303-2 Management of water discharge-related impacts	<u>S</u> Water quality
		CDP C9 Environmental performance - water security
	303-3 Water withdrawal	SPI Water sourced
	303-4 Water discharge	SPI Water discharge
	303-5 Water consumption	SPI Water consumption
Biodiversity		
GRI 3: Material Topics 2021	3-3 Management of material topics	S Materiality review and priority topics
·	·	S Governance
		S Biodiversity
		CDP C11 Environmental performance - biodiversity
		SPI Biodiversity
		W Our Commitment to Sustainability
		W Our Commitment to Environment, Health & Safety
		W Our commitment to the UN SDGs
		(continued)

### Biodiversity (...continued)

GRI Standard	Disclosure			Source and notes		
GRI 304: Biodiversity 2016	304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Algonquin has collected this information for it's operations in the following region California (locations specific to Algonquin's California-based electric utility),			
	304-2 Significant impacts of activities, products, and services on biodiversity		<ul> <li>Arkansas, Kansas, Missouri, Oklahoma, and New Hampshire. Algonquin evaluate opportunities to disclose this information publicly in the future</li> </ul>			
	304-3	Habitats protected or restored				
	304-4	International Union for Conservation of Nature's ("IUCN") Red List species and national conservation list species with habitats in areas affected by operations	<u>SPI</u>	Biodiversity		
Emissions						
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics		
			<u>S</u>	Governance		
			<u>S</u>	Environment and climate		
			<u>S</u>	Net zero pathway		
			<u>S</u>	Progress towards 2030		
			<u>CDP</u>	C2-C7		
			Ī	TCFD climate change assessment report		
			W	Our Commitment to Sustainability		
			W	Our Commitment to Environment, Health & Safety		
			W	Our commitment to the UN SDGs		

(continued...)

### **Biodiversity** (...continued)

GRI Standard	Disclosure	Source and notes
GRI 305: Emissions 2016	305-1 Direct (Scope I) GHG emissions	SPI Scope 1 emissions
		W 2024 GHG Verification Report
		S 2024 GHG profile
		CDP C7 Environmental performance - climate change (for 2023 GHG figures)
	<b>305-2</b> Energy indirect (Scope 2) GHG emissions	SPI Scope 2 emissions
		W 2024 GHG Verification Report
		S 2024 GHG profile
		CDP C7 Environmental performance - climate change (for 2023 GHG figures)
	305-3 Other indirect (Scope 3) GHG emissions	SPI Scope 3 emissions
		W 2024 GHG Verification Report
		S 2024 GHG profile
		CDP C7 Environmental performance - climate change (for 2023 GHG figures)
	<b>305-4</b> GHG emissions intensity	SPI Scope 1 and Scope 2 emissions and emission intensities
		CDP C7 Environmental performance - climate change (for 2023 GHG figures)
	305-5 Reduction of GHG emissions	S Materiality review and priority topics
		S Environment and climate
		S Net zero pathway
		CDP C2-C7
	305-6 Emissions of ozone-depleting substances ("ODS")	SPI Other emissions from electricity generation
	<b>305-7</b> Nitrogen oxides ("NO <sub>x</sub> "), sulfur oxides ("SO <sub>x</sub> "), and other significant air emissions	SPI Other emissions from electricity generation

(continued...)

# Environment (...continued)

#### Waste

GRI Standard	Disclo	sure	Sour	ce and notes
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics
			<u>S</u>	Waste and materials management
			$\underline{W}$	Our Commitment to Sustainability
			$\underline{W}$	Our Commitment to Environment, Health & Safety
			W	Our commitment to the UN SDGs
GRI 306: Waste 2020	306-1	Waste generation and significant waste-related impacts	<u>S</u>	Waste and materials management
	306-2	Management of significant waste-related impacts	<u>S</u>	Waste and materials management
	306-3	Waste generated	<u>SPI</u>	Waste generation
	306-4	Waste diverted from disposal	<u>SPI</u>	Waste diverted
	306-5	Waste directed to disposal	<u>SPI</u>	Waste directed to disposal
Supplier environmental assessment				
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics
			<u>S</u>	Supplier expectations and due diligence
			$\underline{W}$	Policy on Supplier Code of Conduct
			<u>CDP</u>	5.11 Value chain engagement on environmental issues
GRI 308: Supplier Environmental Assessment 2016	308-1	New suppliers that were screened using environmental criteria	gaug	nquin has engaged primary suppliers with sustainability-focused questionnaires to ge sustainability performance in the supply chain. Algonquin continues to evaluate ortunities to integrate environmental criteria into supplier screening processes.
on Sup		nquin does not currently track supply chain environmental impacts. Algonquin's Policy upplier Code of Conduct holds suppliers to a high degree of compliance with all relevan ronmental regulations.		

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(continued...)

# Social

### **Employment**

GRI Standard	Disclosure	Source and notes		
GRI 3: Material Topics 2021	3-3 Management of material topics	S Materiality review and priority topics		
		S Employee commitment		
		W Code of Business Conduct and Ethics		
		<u>W</u> Human Rights Policy		
		W Mandate of the Human Resources and Compensation Committee		
GRI 401: Employment 2016	401-1 New employee hires and employee turnover	SPI Hiring rates		
		SPI Turnover rates		
	401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	Algonquin's full-time employees are eligible for the following benefits: life insurance, health care, disability and invalidity coverage, parental leave, retirement provision, and stock ownership.		
	401-3 Parental leave	SPI Parental leave		
Labor/management relations				
GRI 3: Material Topics 2021	3-3 Management of material topics	S Materiality review and priority topics		
·		<u>S</u> Employee commitment		
		W Code of Business Conduct and Ethics		
		W Human Rights Policy		
		W Mandate of the Human Resources and Compensation Committee		
GRI 402: Labor/Management Relations 2016	402-1 Minimum notice periods regarding operational changes	Algonquin adheres to notice periods identified in relevant union agreements. In instances without union agreements, an internal review process identifies appropriate time periods to notify employees of significant operational changes.		

(continued...)

### Occupational health and safety

GRI Standard	Disclo	sure	Sour	rce and notes
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics
			<u>S</u>	Safety at Algonquin
			<u>AIF</u>	3.9 Social and Environmental Policies and Commitment to Sustainability
			W	Our Commitment to Environment, Health & Safety
GRI 403: Occupational Health and Safety 2018	403-1	Occupational health and safety	<u>S</u>	Safety at Algonquin:
		management system		Algonquin operates our facilities in line with ISO45001:2018 Occupational Health and Safety Management Systems.  Although not externally certified, we operate in accordance requirements and align work practices with said requirements.
	403-2	Hazard identification, risk assessment,	<u>S</u>	Safety at Algonquin:
		and incident investigation		The process to identify work-related hazards is through a multifaceted safety culture. This is established through discussion, inspections and/or observations. A competent person is one who is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees and who has the authorization to take prompt corrective measures to eliminate them. By way of training and/or experience, a competent person who is knowledgeable of applicable standards, is capable of identifying workplace hazards relating to specific operation and has the authority to correct them. Employees are required to complete a job brief; by assessing the work and its environment before starting work to understand any hazards, and reassessing the job brief anytime a change occurs in the work plan, or a stop work initiative is called. A job brief allows employees to identify the necessary personal protective equipment for the job, discuss the controls needed to complete the job safely, how the jobsite needs to be set up and who is involved, what hazards are going to be involved in the job, and how they can manage or eliminate any hazards to employees to complete the work timely and safely before starting work. The business includes a procedure empowering all employees with Stop Work Authority, which consists of the responsibility and obligation of all employees to refuse to perform work and stop work whenever a hazardous condition exists or a situation has deteriorated with the potential to cause harm to people, property, or the surrounding environment. Under Stop Work Authority, all workers are protected against any negative action such as reprisal or discipline. Any work-related incidents must be reported to supervisor promptly who will report the incident to the Environmental Health and Safety ("EHS") team. The supervisor is responsible for reporting the incident electronically into Gensuite as soon as information becomes available. The electronic report fro

(continued...)

GRI Standard	Disclosure	Source and notes			
GRI 403: Occupational Health and Safety 2018 (continued)	403-3 Occupational health services	Safety at Algonquin: The occupational health services currently contributing to hazard identification, minimization, and elimination include Job Safety Analysis ("JSA") and Job Hazard Analysis ("JHA"). Standards and guidelines are followed.			
	403-4 Worker participation, consultation, and communication on occupatio health and safety	business unit takes accountability of all health and safety issues and establishes all health and safety standards within their business unit. The safety handbook provides the minimum acceptable health and safety standards which meet or exceed the current safety requirements as prescribed by standard setting organizations, such as but not limited to the Occupational Safety and Health Administration ("OSHA") in the U.S. and the provincial safety regulations in Canada. These standards apply to all company employees. The Health and Safety Committee meets on a monthly basis to oversee and monitor the establishment and management of comprehensive health, safety, environmental, security, and product stewardship policies, standards, and practices. The committee reviews the results of reporting, policies, procedures, and training initiatives as well as monitoring compliance.			
		Worker participation, consultation, and communication on occupational health & safety ("OHS") is facilitated through collaboration with union and collective bargaining units. Annual regional safety planning meetings are also held. Regional and corporate communication of OHS is issued daily, weekly, and monthly.			
	403-5 Worker training on occupational health and safety	Safety at Algonquin:  Algonquin provides the resources necessary to ensure that each employee is adequately trained, qualified, and equipped to safely perform assigned duties. Continuous training and education are integral to premier work performance and employee safety. Training occurs in many different venues: classroom, on-the-job, and self directed. It is the responsibility of each employee to understand their assigned duties and participate in all offered training. It is the responsibility of Algonquin to provide the appropriate level and frequency of employee training. Employees who require specific qualified-person training for job specific operations must receive training and demonstrate skills of proficiency and knowledge to an authorized person. An authorized person has successfully demonstrated proficiency and understanding of their assigned duties. Where appropriate, Algonquin shall provide resources and training necessary to maintain license and/or certification. The employee is responsible for maintaining the required license and/or certification.			

(continued...)

GRI Standard	Disclosure		Source and notes			
GRI 403: Occupational Health and Safety 2018 (continued)	403-6	Promotion of worker health	<u>S</u>	Safety at Algonquin:  Employees are responsible for their own health and safety, however the OHS team is actively promoting and discussing life saving behaviors to increase awareness of safety. The Life Saving Behaviors help manage the risks associated with the work done every day. Life Saving behaviors ensure ongoing focus on those protective measures most important for avoiding serious injuries as work is conducted. This includes work readiness, stop work authority, safe driving, and using safety controls. The Employee Safety Handbook serves as one of many resources available to employees to assist them to work safely. Worker health is promoted through safety alerts, flash reports, monthly newsletters, employee engagement, and Liberty Day volunteer opportunities in the community.		
	403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	<u>S</u>	Safety at Algonquin: Prevention and mitigation of any work-related incidents that impact operations, products, or services require further investigation through the significant incident investigation, a monthly meeting that works through the incidents, hazards and/or risks included, and contributing factors to create awareness for the entire business to prevent similar events in the future. All event data is shared through AGA, EEI, and AMA yearly reporting to provide utility comparisons.		
	403-8	Workers covered by an occupational health and safety management system	<u>SPI</u>	Employees covered by an environmental, health, and safety ("EHS") management system		
	403-9	Work-related injuries	<u>SPI</u>	Employee work-related injury		
	403-10	Work-related ill health	<u>SPI</u>	Employee work-related ill health		

(continued...)

### Training and education

GRI Standard	Disclosure	Source and notes
GRI 3: Material Topics 2021	3-3 Management of material topics	<ul><li>S Materiality review and priority topics</li><li>S Employee commitment</li></ul>
GRI 404: Training and Education 2016	404-1 Average hours of training per year per employee	<u>SPI</u> Training
	404-2 Programs for upgrading employee skills and transition assistance programs	Programs to upgrade employee skills:  Radiant Leadership Program (Leadership Skills and Self-Leadership)  Tuition Reimbursement Program (Continued Education at Certified Institutions)  Interconnect Program (Job Shadowing)  BELCO Advancement Program  Apprenticeship Program  Transition assistance programs:  LHH Professional Program  LHH Executive Premium Career Transition Program
	404-3 Percentage of employees receiving regular performance and career development reviews	SPI Performance reviews

(continued...)

### Diversity and equal opportunity

GRI Standard	Disclo	sure	Soul	rce and notes
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics
			W	Board and Executive Diversity Policy
GRI 405: Diversity and Equal Opportunity 2016	405-1	Diversity of governance bodies and employees	MIC	Director nominee profiles
			<u>SPI</u>	Board of directors
			W	Board and Executive Diversity Policy
			W	Code of Business Conduct and Ethics
			W	Human Rights Policy
	405-2	Ratio of basic salary and remuneration of women to men	<u>SPI</u>	Employee average total compensation by level and function (female/male)
Non-discrimination				
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics
			W	Code of Business Conduct and Ethics
			W	Human Rights Policy
GRI 406: Non-discrimination 2016	406-1	Incidents of discrimination and corrective actions taken	<u>SPI</u>	Discrimination incidents
Freedom of association and collect	ctive barga	ining		
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics
GRI 407: Freedom of Association and	407-1	Operations and suppliers in which the right to freedom	<u>SPI</u>	Collective bargaining agreement coverage
Collective Bargaining 2016		of association and collective bargaining may be at risk	W	Human Rights Policy
				(continued)

#### **Child Labor**

GRI Standard		osure	Sou	Source and notes	
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics	
GRI 408: Child Labor 2016	408-1	Operations and suppliers at significant risk for incidents of child labor	<u>S</u>	Workforce respect and protection	
			<u>S</u>	Supplier expectations and due diligence	
			$\underline{W}$	2024 Annual Report — Fighting Against Forced Labour and Child Labour in Supply Chains Act	
			$\underline{W}$	Human Rights Policy	
			$\underline{W}$	Policy on Supplier Code of Conduct	
Forced or Compulsory Labor					
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics	
GRI 409: Forced or Compulsory Labor 2016	409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor	<u>S</u>	Workforce respect and protection	
			<u>S</u>	Supplier expectations and due diligence	
			W	2024 Annual Report — Fighting Against Forced Labour and Child Labour in Supply Chains Act	
			$\underline{W}$	Human Rights Policy	
			W	Policy on Supplier Code of Conduct	
Rights of Indigenous peoples					
GRI 3: Material Topics 2021	3-3	Management of material topics	<u>S</u>	Materiality review and priority topics	
			<u>S</u>	Indigenous relations	
GRI 411: Rights of Indigenous Peoples 2016	411-1	Incidents of violations involving rights of Indigenous peoples	<u>SPI</u>	Indigenous relations	
				(continued)	

### **Local communities**

Disclo	sure	Source and notes		
3-3	Management of material topics	<u>S</u>	Materiality review and priority topics	
		<u>S</u>	Customer and community	
		W	Investor Update - June 03, 2025. Communities that we serve is one of Algonquin's key stakeholders groups. Our objectives for the communities are:	
			Investing in our communities	
			Serving as a catalyst for economic development	
			• Earning the trust of our regulators and our customers	
413-1	Operations with local community engagement, impact assessments, and development programs	<u>SPI</u>	Community engagement	
3-3	Management of material topics	<u>S</u>	Materiality review and priority topics	
		<u>S</u>	Supplier expectations and due diligence	
		W	Policy on Supplier Code of Conduct	
414-1	New suppliers that were screened using social criteria	engo perfo	nquin integrates health and safety criteria in supplier screening processes. Algonquin has aged primary suppliers with sustainability-focused questionnaires to gauge sustainability ormance in the supply chain. Algonquin continues to evaluate opportunities to integrate tional social criteria into supplier screening processes.	
414-2	Negative social impacts in the supply chain and actions taken	com	nquin does not currently track supply chain social impacts outside of health and safety pliance. Algonquin's Policy on Supplier Code of Conduct holds suppliers to a high degree amplying with all relevant social regulations.	
	3-3 413-1 3-3	413-1 Operations with local community engagement, impact assessments, and development programs  3-3 Management of material topics	3-3 Management of material topics  413-1 Operations with local community engagement, impact assessments, and development programs  3-3 Management of material topics  Sumble Management of material topics  Algorous engagement of material topics and development programs  414-1 New suppliers that were screened using social criteria and additional development programs and development programs  414-1 New suppliers that were screened using social criteria and additional development programs and dev	

(continued...)

### **Public policy**

GRI Standard	Disclosure	Source and notes
GRI 3: Material Topics 2021	3-3 Management of material topics	S Materiality review and priority topics
		S Government affairs and policy engagement
		W Policy on Lobbyist Code of Conduct
GRI 415: Public Policy 2016	415-1 Political contributions	Information on political contributions made by Algonquin's employee-led political action committee is available at www.fec.gov.
Customer privacy		
GRI 3: Material Topics 2021	3-3 Management of material topics	S Materiality review and priority topics
		S Cybersecurity
		MIC Cyber risk management
		W Code of Business Conduct and Ethics
		<u>W</u> Privacy Policy
GRI 418: Customer Privacy 2016	418-1 Substantiated complaints concerning breaches	S Cybersecurity
	of customer privacy and losses of customer data	<u>SPI</u> Cybersecurity

### **Appendix III:**



KPMG LLP Commerce Place 21 King St. West, Suite 700 Hamilton, ON L8P 4W7 Canada Tel 905-523-8200

#### INDEPENDENT PRACTITIONER'S LIMITED ASSURANCE REPORT

To the Board of Directors and Management of Algonquin Power & Utilities Corp.

We have undertaken a limited assurance engagement on certain performance metrics of Algonquin Power & Utilities Corp. (the "Entity"), included in the accompanying Algonquin Power & Utilities Corp.'s 2024 Sustainability Report Appendix – Greenhouse Gas (GHG) metrics (the "Report"), for the year ended December 31, 2024.

The scope of our limited assurance engagement, as agreed with management, comprises the following performance metrics (collectively, the 'subject matter information') and criteria:

Subject Matter Information	Units	Criteria
Scope 1 GHG emissions	1,913,781 tCO <sub>2</sub> e	Greenhouse Gas Protocol - Corporate Accounting and Reporting Standard (Revised Edition) ("GHG Protocol")
Scope 2 GHG emissions (location-based) and (market-based)	81,322 tCO <sub>2</sub> e	GHG Protocol  GHG Protocol Scope 2  Guidance, an amendment to the  GHG Protocol Corporate  Standard
Scope 3, Category 3 GHG emissions – Fuel and energy related activities not included in scope 1 and 2	1,050,130 tCO <sub>2</sub> e	GHG Protocol  GHG Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard. Supplement
Scope 3, Category 11 GHG emissions – Use of Sold Products: Downstream Natural Gas Combustion	2,128,403 tCO <sub>2</sub> e	to the GHG Protocol
Scope 3, Category 15 GHG emissions – Investments	1,537,771 tCO₂e	



Other than as described in the preceding paragraph, we did not perform assurance procedures on the remaining information included in the Report, and accordingly, we do not express a conclusion on this information.

There are no mandatory requirements for the preparation or presentation of the subject matter information. As such, the Entity has developed its own criteria based on the Entity's internal reporting guidelines an definitions for sustainability reporting and applied the Greenhouse Gas Protocol - Corporate Accounting and Reporting Standard (Revised Edition), including the GHG Protocol Scope 2 Guidance: An amendment to the GHG Protocol Corporate Standard, and the GHG Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard in relation to greenhouse gas emissions, and internally developed criteria for the remaining subject matter information ("applicable criteria").

#### Management's Responsibility

Management is responsible for the preparation and presentation of the subject matter information in accordance with the applicable criteria.

Management is also responsible for such internal control as management determines necessary to enable the preparation and presentation of the subject matter information that is free from material misstatement, whether due to fraud or error. This responsibility includes determining the Entity's objectives in respect of sustainability performance and reporting, identifying stakeholders and material issues, and selecting or developing appropriate criteria.

#### **Our Responsibility**

Our responsibility is to express a limited assurance conclusion on the subject matter information based on the procedures we have performed and the evidence we have obtained. We conducted our limited assurance engagement in accordance with Canadian Standards on Assurance Engagements (CSAE) 3410, Assurance Engagements on Greenhouse Gas Statements. This standard requires that we plan and perform our engagement to obtain limited assurance about whether the subject matter information is free from material misstatement.

A limited assurance engagement involves assessing the suitability of the criteria used by the Entity in preparing the subject matter information in the circumstances of the engagement, assessing the risks of material misstatement, whether due to fraud or error, and responding to the assessed risks as necessary in the circumstances.

We exercised professional judgment and maintained professional skepticism throughout the engagement. Our procedures were designed and performed to obtain evidence that is sufficient and appropriate to provide a basis for our conclusion. In carrying out our engagement, we:

- Evaluated the suitability of the Entity's use of the criteria, as the basis for preparing the subject matter information in the circumstances;
- Through inquiries, obtained an understanding of the Entity's control environment, processes and systems relevant to the preparation of the subject matter information, but did not evaluate the design of particular control activities, obtain evidence about their implementation or test their operating effectiveness;
- Undertook a remote site visit at one facility. We selected the site based on the contribution of the site's information to the aggregate subject matter information;



- Evaluated whether the Entity's methods for developing estimates are appropriate and had been
  consistently applied, but our procedures did not include testing the data on which the estimates are
  based or separately developing our own estimates against which to evaluate the Entity's estimates;
- Inspected a limited number of items to or from supporting records, as appropriate;
- Re-performance of a limited number of calculations, as appropriate;
- Considered the presentation and disclosure of the subject matter information.

The procedures performed in a limited assurance engagement vary in nature and timing from, and are less in extent than for, a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.

#### **Our Independence and Quality Management**

We have complied with the independence and other ethical requirements of relevant rules of professional conduct/code of ethics applicable to the practice of public accounting and related to assurance engagements, issued by various professional accounting bodies, which are founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality, and professional behaviour.

The firm applies Canadian Standard on Quality Management 1, Quality Management for Firms that Perform Audits or Reviews of Financial Statements, or Other Assurance or Related Services Engagements which requires the firm to design, implement and operate a system of quality management, including policies or procedures regarding compliance with ethical requirements, professional standards, and applicable legal and regulatory requirements.

#### **Significant Inherent Limitations**

Historical non-financial information, such as that contained in the Report, is subject to more inherent limitations than historical financial information, given the qualitative characteristics of the underlying subject matter and methods used for determining this information. The absence of a significant body of established practice on which to draw allows for the selection of different but acceptable evaluation techniques, which can result in materially different measurements and can impact comparability. The nature and methods used to determine such information, as described in the applicable criteria, may change over time. It is important to read the Entity's reporting methodology disclosed in the foonote of the Report.

#### Conclusion

Our conclusion has been formed on the basis of, and is subject to, the matters outlined in this report. We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our conclusion.

Based on the procedures performed and evidence obtained, no matters have come to our attention to cause us to believe that the Entity's subject matter information for the year ended December 31, 2024, is not prepared, in all material respects, in accordance with the applicable criteria.



Our conclusion on the subject matter information does not extend to any other information, reports or documents that accompany, are presented with, or contain the subject matter information and our assurance report.

#### **Restriction on Use**

Our report is intended solely for use by Algonquin Power & Utilities Corp. for the purpose set out in our engagement agreement. Our report may not be suitable for any other purpose and is not intended for use or reliance by any third parties. While KPMG LLP acknowledges that disclosure of our report may be made, in full, by Algonquin Power & Utilities Corp. in the 2024 Sustainability Report Appendix – Greenhouse Gas (GHG) metrics, KPMG LLP does not assume or accept any responsibility or liability to any third party in connection with the disclosure of our report.

**Chartered Professional Accountants** 

May 13, 2025

KPMG LLP

# Corporate info

#### Canadian Transfer Agent:

TSX Trust Company (Canada) 300-100 Adelaide Street West, Toronto, Ontario, Canada M5H IS3

#### U.S. Transfer Agent:

Equiniti Trust Company, LLC 48 Wall Street, Floor 23, New York, New York 10005

#### **Auditors:**

Ernst & Young LLP Toronto, Ontario

#### The Toronto Stock Exchange:

AQN, AQN.PR.A, AQN.PR.D

#### The New York Stock Exchange:

AQN, AQNB

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Greater Toronto Headquarters: 354 Davis Road, Oakville, Ontario, Canada L6J 2X



905-465-4500



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www.linkedin.com/company/algonquin-power-&-utilities-corp



algonquinpower.com

