

DISCLAIMER

Due to uncertainty surrounding the application of recent amendments to the Competition Act (Canada), these documents are provided for historical information purposes only and do not constitute active or current representations of ATCO Ltd. or any of its related parties. The purpose of these documents is to comply with disclosure requirements that were in effect on the date these documents were filed; ATCO undertakes no obligation to update such information except as required by applicable law. ATCO remains committed to taking steps to address climate change and continuing to engage in sustainability initiatives.



ESG DATASHEET

The purpose of this *ESG Datasheet* is to provide an overview of ATCO's operational performance. Some of the performance data is discussed in more detail within the 2021 Sustainability Report. The Datasheet should be read in conjunction with the Sustainability Report and is not to be viewed as a substitute.

IN THIS SECTION

[Reporting boundaries](#)

[ATCO Ltd. performance summary](#)

[ATCO Ltd. framework index mapping](#)

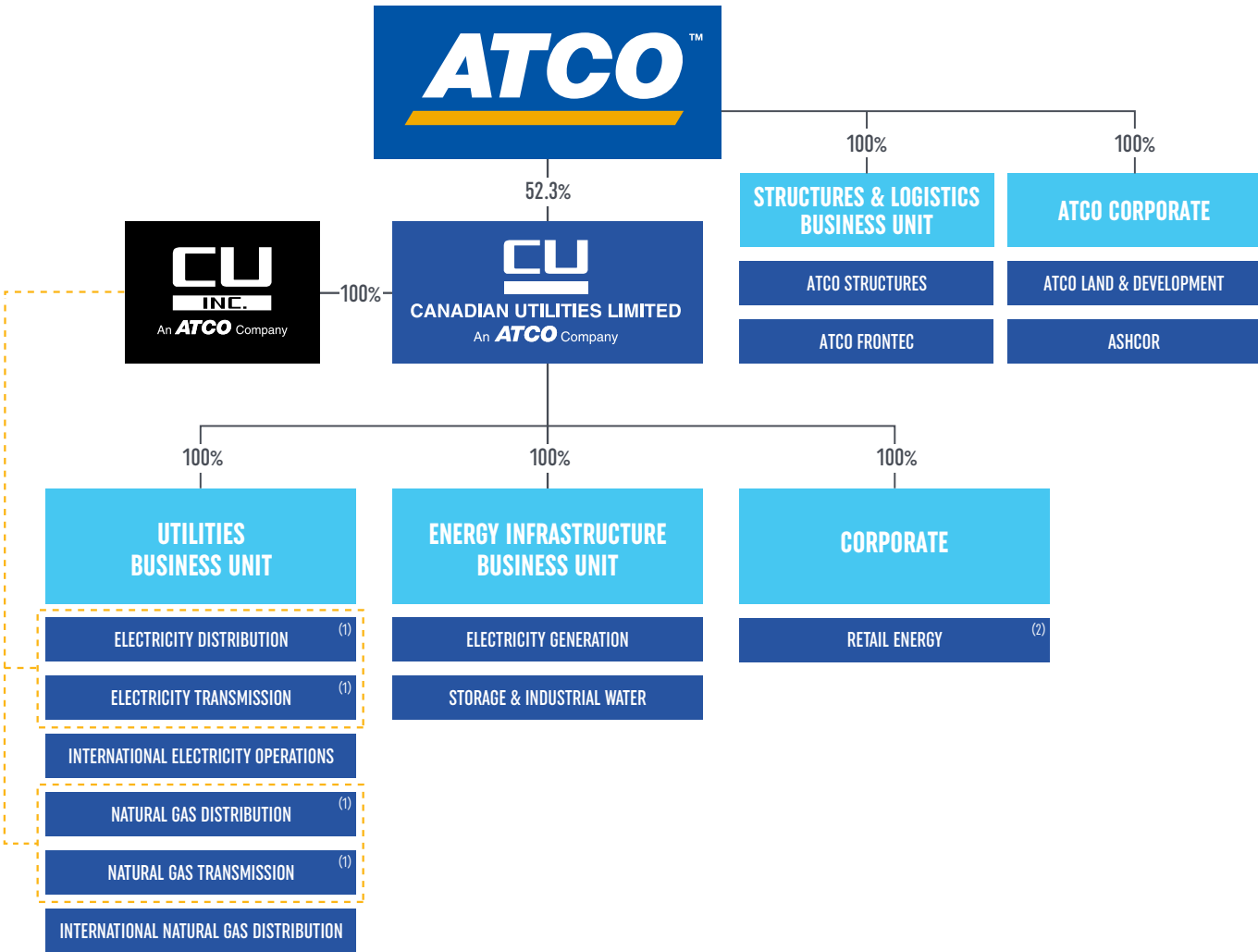
- [Global Reporting Initiative \(GRI\)](#)
- [Sustainability Accounting Standards Board \(SASB\)](#)
- [Task Force on Climate-related Financial Disclosures \(TCFD\)](#)



Reporting boundaries

The terms ATCO, ATCO Group, the ATCO Group of Companies, our, we, the Company and the corporation, refer to ATCO Ltd. as a whole, including its subsidiary companies Canadian Utilities Limited and CU Inc. Our Sustainability Report is based on the internationally recognized Global Reporting Initiative (GRI) Standards and guided by the Sustainability Accounting Standards Board (SASB) and the Financial Stability Board's Task Force on Climate-related Financial Disclosures (TCFD) recommendations.

This report communicates our sustainability performance in 2021 and reflects operations as of December 31, 2021 unless otherwise noted, for ATCO, our subsidiaries and JVs. Financial data is in Canadian dollars and environmental data is in metric units. Environmental performance metrics reported include 100 per cent for facilities where ATCO, or one of its subsidiaries, has operational control, regardless of percentage of financial ownership. Operational control is defined in alignment with the GHG Protocol. Exceptions are explicitly noted in the data notes with the relevant information. We also have investments in Neltume Ports (40 per cent) and LUMA Energy (50 per cent), which are not included in our operational control boundary, as defined in alignment with the GHG Protocol. All available data for Canadian Utilities Limited and CU Inc. is included in their respective ESG Datasheets, available at canadianutilities.com.



(1) CU Inc. includes Electricity Distribution, Electricity Transmission, Natural Gas Distribution and Natural Gas Transmission.
 (2) ATCOenergy includes Rūmi, Blue Flame Kitchen, and Retail Energy and provides home products, home maintenance services, professional advice, and retail electricity and natural gas services in Alberta.

Sustainability at ATCO Ltd., Canadian Utilities Limited, CU Inc.

Sustainability performance is reported for ATCO Ltd., and its two largest subsidiaries, Canadian Utilities Limited and CU Inc.

Canadian Utilities Limited (Canadian Utilities) is the largest principally controlled company of the ATCO Group of Companies, with operations in electricity, natural gas, energy and water infrastructure, and retail energy. Canadian Utilities’ Board of Directors is independent from ATCO’s.

CU Inc. is a wholly owned subsidiary of Canadian Utilities, comprised of regulated utility operations in natural gas and electricity distribution and transmission. CU Inc.’s and Canadian Utilities’ approach to sustainability is fully aligned with ATCO’s.



Key Documents (ATCO)	Key Documents (Canadian Utilities)	Key Documents (CU Inc.)
ESG Datasheet	ESG Datasheet	ESG Datasheet
How We Do Business (Policies and Practices)	How We Do Business (Policies and Practices)	How We Do Business (Policies and Practices)
Management Proxy Circular	Management Proxy Circular	Management's Discussion & Analysis (MD&A)
Management's Discussion & Analysis (MD&A)	Management's Discussion & Analysis (MD&A)	Annual Information Form
Annual Report	Annual Report	Stakeholder Engagement
Annual Information Form	Annual Information Form	UN SDGs
Stakeholder Engagement	Stakeholder Engagement	Materiality Assessment
UN SDGs	UN SDGs	ESG Targets News Release
Materiality Assessment	Materiality Assessment	Archived Sustainability Reports
ESG Targets News Release	ESG Targets News Release	
Archived Sustainability Reports	Archived Sustainability Reports	

ATCO Ltd. Performance Summary

Indicator ^{1,2}	Units	2021	2020	2019
Environment				
Greenhouse Gas Emissions ^{3,4,7}				
Operational direct (Scope 1) greenhouse gases	kilotonnes CO ₂ e	741	873	8,319
Operational indirect (Scope 2) greenhouse gases ⁵	kilotonnes CO ₂ e	251	248	108
Operational (Scope 3) greenhouse gases ⁶	kilotonnes CO ₂ e	24,677	24,241	–
Financial reporting basis (Scope 1) greenhouse gases ⁸	kilotonnes CO ₂ e	647	749	6,686
Financial reporting basis (Scope 2) greenhouse gases	kilotonnes CO ₂ e	250	232	134
Financial Reporting Basis Greenhouse Gas Emission Intensity ⁹	kilotonnes CO ₂ e / millions \$CAD earnings	2.42	2.79	–
Air Emissions ^{3,4}				
Sulphur dioxide	tonnes	30	36	14,564
Nitrogen oxides	tonnes	1,542	1,796	8,909
Particulate matter (PM2.5)	tonnes	21	22	332
Carbon monoxide	tonnes	570	608	1,460
Volatile organic compounds	tonnes	171	188	143
Mercury	kg	1	1	24
Ozone depleting substances	kg	0	0	0
Energy Consumption	(GJ) gigajoules	8.9	10.4	72.7
Operational Water Use ¹⁰	million m ³	2.0	1.5	16.0
Financial Reporting Basis Water Use	million m ³	1.5	0.9	14.1

Indicator ^{1,2}		Units	2021	2020	2019
Environment					
Spills¹¹					
	Hydrocarbon - number ¹²	number	39	18	19
	Hydrocarbon - volume	thousand litres	25.6	10.0	12.1
	Non-hydrocarbon - number	number	0	2	1
	Non-hydrocarbon - volume	thousand litres	0	0	25
Hazardous Waste¹³		tonnes	1,166	2,210	3,749
Environmental Fines and Penalties		\$ thousand	0	0	0
Owned, Developed or Managed Renewable Energy¹⁴		(MW) megawatts	76	–	–
Revenues from Transitional Product Categories¹⁵ (e.g., renewable natural gas and hydrogen)		per cent	1.12	–	–
Social¹⁶					
Health & Safety^{17,18,19}					
	Lost-time injury rate (employees)	cases/200,000 hours worked	0.14	0.26	0.12
	Lost-time injury rate (contractors)	cases/200,000 hours worked	0.30	0.13	0.17
	Recordable injury rate (employees)	cases/200,000 hours worked	1.44	1.58	2.20
	Recordable injury rate (contractors)	cases/200,000 hours worked	1.12	1.58	1.65
	Fatalities (employees)	number	0	0	0
	Fatalities (contractors)	number	0	0	0
Employees		number	6,358	6,183	6,556
Workforce by Employment Type					
	Male - full-time	number	4,245	4,200	4,538
	Female - full-time	number	1,993	1,873	1,894

Indicator ^{1,2}		Units	2021	2020	2019
Social¹⁶					
	Male - part-time	number	29	23	23
	Female - part-time	number	91	87	101
Workforce by Employment Contract					
	Male - permanent	number	3,906	3,937	4,164
	Female - permanent	number	1,800	1,738	1,782
	Male - temporary	number	368	286	397
	Female - temporary	number	284	222	213
Workforce by Region					
	Canada - permanent	number	4,840	4,877	5,043
	Canada - temporary	number	539	419	485
	Mexico - permanent	number	32	33	39
	Mexico - temporary	number	0	0	0
	Australia - permanent	number	579	567	563
	Australia - temporary	number	85	59	53
	South America - permanent	number	61	9	7
	South America - temporary	number	2	0	0
	Other - permanent	number	194	189	294
	Other - temporary	number	26	30	72
Voluntary Turnover Rate		per cent	6.4	6.3	8.7
Employees in Employee Unions or Associations		per cent	46	49	48

Indicator ^{1,2}	Units	2021	2020	2019
Social¹⁶				
Diversity				
Women in workforce	per cent	33	30	30
Women in senior management ²⁰	per cent	33	26	21
Minorities in workforce ²¹	per cent	30	–	–
Minorities in senior management	per cent	17	–	–
Revenue Generated from Indigenous Joint Ventures (Indigenous share only)	\$ million	120.1	113.6	147.6
Net Economic Benefit to Indigenous Groups²²	\$ million	123.7	71.4	–
Governance²³				
Human Rights and Ethics Incidents				
Discrimination incidents	number	0	0	0
Indigenous rights incidents	number	0	0	0
Corruption Incidents	number	0	0	0
Customer Privacy Breaches	number	0	0	0
Number of Regulatory Non-compliance Incidents²⁴	number	0	1	1
Fines and Penalties for Regulatory Non-compliance²⁴	\$ thousand	0.0	0.8	0.8
Board Diversity				
Women on Board of Directors	per cent	30	33	33
Minorities on Board of Directors	per cent	–	–	–

Indicator ^{1,2}	Units	2021	2020	2019
Economic				
Economic Value Generated ²⁵	\$ million	4,289	3,944	4,706
Economic Value Distributed				
Suppliers	\$ million	1,691	1,402	1,785
Employee wages and benefits ²⁶	\$ million	573	531	538
Lenders	\$ million	401	413	498
Shareholders	\$ million	502	501	480
Governments ²⁷	\$ million	388	346	487
Communities ²⁸	\$ million	6	6	9
Economic Value Retained ²⁹	\$ million	728	745	909
Coverage of Defined Benefit Pension Plan Obligations	per cent	98	91	91
Operational				
System Average Interruption Duration Index (SAIDI)³⁰				
Alberta electricity distribution	minutes	4.41	4.09	—
Yellowknife	minutes	0.27	0.19	—
Northwest Territories	minutes	4.72	1.96	—
Yukon	minutes	2.81	4.91	—
System Average Interruption Frequency Index (SAIFI)³¹				
Alberta electricity distribution	per cent	1.58	1.58	—
Yellowknife	per cent	0.77	0.64	—
Northwest Territories	per cent	2.16	4.01	—
Yukon	per cent	1.97	2.71	—

We strive to continually improve our tracking and measurement systems and may adjust indicator definitions and performance data to reflect current best practice. We use standard industry and regulatory calculation methodologies and definitions that may be updated periodically to improve accuracy.

Indicator

1. This summary table consolidates data for ATCO Ltd. (ACO.X, ACOY). Performance summaries for ATCO's subsidiaries Canadian Utilities Limited (CU, C.X) and CU Inc. can be found online.
2. This report includes performance data on indicators that were not included in all previous reports. Data for the new indicators is not provided for previous years and is denoted with a "-" symbol.

Environment

3. Data is reported on an operatorship basis, which does not align with financial reporting. Operatorship basis means that environmental performance metrics reported include 100 per cent from operations over which ATCO, or one of its subsidiaries, has operational control, regardless of percentage of financial ownership. ATCO Espaciomovil and ATCO Sabinco are not currently included in the operational control boundary; we expect to include these operations in 2022.
4. GHG emissions are calculated and reported in line with carbon regulations where the facility is located and the Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (GHG Protocol).
5. Indirect (Scope 2) GHG emissions for 2020 have been restated as a result of an update to the grid emission factor used for Alberta.
6. Scope 3 GHG emissions are calculated and reported in line with the GHG Protocol: Corporate Value Chain (Scope 3) Accounting and Reporting Standard. We currently only report Scope 3 GHG emissions from our Upstream Production and Generation (category 3) and Downstream End-use (category 11), focusing on the categories most material to our business. Storage, handling and transmission of natural gas is not included in our Scope 3 calculations; however, any associated emissions from facilities to handle and move these products are captured in direct (Scope 1) GHG emissions. As the guidance on the reporting of Scope 3 GHG emissions continues to evolve, we will annually review this approach to ensure we are in line with best practice.
7. Financial reporting basis aligns with financial reporting in relation to treatment in external financial filings and is also guided by the GHG Protocol. However, our equity share of LUMA and Neltume Ports have not yet been included in reported 2021 financial reporting basis. We expect to include these operations in 2022.
8. The financial reporting basis direct (Scope 1) GHG emissions for 2020 has been restated as a result of revised data from our Australian division.

9. GHG emissions intensity is calculated by dividing financial reporting basis direct (Scope 1) and indirect (Scope 2) GHG emissions over earnings. Earnings are adjusted earnings as defined in the MD&A.
10. Water use is calculated by deducting water discharged from water withdrawn. The increase in water consumption for 2021 is mainly attributable to increase in activity in our Energy Infrastructure and Storage business.
11. Includes spills that meet thresholds for regulatory reporting in the jurisdiction in which they occurred. Volume spilled is often estimated due to variables such as duration, location and when the spill was identified.
12. In 2021, 38 per cent of hydrocarbon spills were related to vandalism incidents to electrical transformers.
13. The decrease in hazardous waste volume is mainly attributable to a fluctuation in capital projects within the business units.
14. This metric has been established to be intentionally broad to demonstrate various ways we are contributing to the energy transition, and does not align with typical operational control or financial basis concepts. Renewable energy is included in three circumstances: 1) Ownership of a renewable project when ATCO has financial control; 2) Development of a renewable project where ATCO has an engineering, procurement and construction contract, but ultimately no financial or operational control once in operation; and 3) Management or operation of a renewable energy asset for a customer; however, ATCO doesn't have ownership.
15. Transitional products and services are defined as products or services that reduce Scope 1, 2 or 3 GHG emissions. They can include products or services that are lower carbon or to upgrade existing activities and systems.

Social

16. Includes our temporary workforce but does not include joint-venture employees, unless otherwise noted.
17. The increase in contractor lost-time incident rate is mainly attributable to a slight increase in incident occurrences as well as continuous improvement in our contractor reporting processes.
18. Our contractor safety rates do not cover all contractors since some of our business units only track safety statistics for certain work mode classification (focus on where we have a supervisory, inspection or monitoring role), or contractors with greater than a threshold contract size. Changes to contractor incident rates vary year-over-year depending on significant capital projects which occur during that year. Work is ongoing to align and improve contractor reporting across the organization.
19. Data is not included for all employees of ATCO joint-ventures; however is included where available and when ATCO has the governing authority and responsibility for the health and safety of the people, processes and facility.

20. Senior Management includes senior executive officers (which aligns with disclosures in the Management Proxy Circular).
21. Minorities include people of different race and ethnic backgrounds. Note that this metric only includes those who choose to self-identify, and does not include persons with disabilities or LGBTQ2S+.
22. Net Economic Benefit to Indigenous groups equals net earnings from Indigenous joint-ventures, partnership payments, Indigenous procurement and additional economic benefits.

Governance

23. We track and address concerns through several channels, including our internationally accessible ATCO Integrity Line. Only incidents that have been substantiated by an external authority have been included.
24. Process failings were identified in 2021 that resulted in enforcement proceedings being initiated with the Alberta Utilities Commission. ATCO issued a news release on November 30, 2021 to describe the situation and the corrective actions being taken. Any fines or penalties that may be issued for regulatory non-compliance have yet to be determined at the time of publication in connection with the ongoing regulatory proceedings. Our policy is to report both the incident and any related fines or penalties in the year they are finalized, and therefore anticipate this will be included in 2022 reporting.

Economic

25. Economic value generated is equal to revenue as defined in the MD&A.
26. Employee wages and benefits include employee salaries and amounts paid to government institutions on behalf of employees plus total benefits.
27. Payments to governments include income, property and franchise taxes.
28. Distributions to communities include donations, in-kind contributions, and sponsorships.
29. Economic value retained is economic value generated minus economic value distributed. This is not a financial reporting indicator and should not be confused with retained earnings.

Operational

30. SAIDI, or System Average Interruption Duration Index, disclosed in minutes, is defined as the total duration of an interruption for the average customer during the period under reporting.
31. SAIFI, or System Average Interruption Frequency Index, is defined as the average number of times that a system customer experiences an outage during the period under reporting (per year).

ATCO Ltd. Sustainability Framework References

This section includes references to a variety of publicly available documents that contain governance, economic, environmental, and social information for 2021, including the Annual Report, Sustainability Report, financial filings, and website.

GRI Aligned Disclosures

The Sustainability Report includes data for ATCO Ltd. (ACO.X, ACO.Y). ATCO's sustainability reporting references GRI Standards.

Standard Reference	Disclosure	Page Number and/or URL(s)
General Disclosures		
GRI 102-1	Name of the organization	ATCO Ltd.
GRI 102-2	Activities, brands, products, and services	Sustainability Report (p. 4) ATCO Ltd. Annual Information Form (pp. 7–41)
GRI 102-3	Location of headquarters	Calgary, Alberta, Canada
GRI 102-4	Location of operations	Sustainability Report (p. 5) ATCO Ltd. Annual Information Form (pp. 7–41)
GRI 102-5	Ownership and legal form	Company shares are traded on the Toronto Stock Exchange (TSX) as ACO.Y (non-voting shares) and ACO.X (voting shares). ATCO Ltd. Annual Information Form (pp. 2–3)
GRI 102-6	Markets served	Sustainability Report (p. 5) ATCO Ltd. Annual Information Form (p. 7)
GRI 102-7	Scale of the organization	Sustainability Report (p. 5) ATCO Ltd. Business Profile (pp. 36–37)
GRI 102-8	Information on employees and other workers	ATCO Performance Summary (pp. 43–48)
GRI 102-10	Significant changes to the organization and its supply chain	ATCO Ltd. Management's Discussion & Analysis (pp. 26–43)
GRI 102-11	Precautionary principle or approach	Although ATCO has not formally adopted the precautionary principle (as described in the U.N. Rio Declaration of 1992), our implementation of sustainability practices demonstrates a commitment to proactively identify, and prevent or mitigate negative impacts.

Standard Reference	Disclosure	Page Number and/or URL(s)
General Disclosures		
GRI 102-14	Statement from senior decision-maker	Sustainability Report (pp. 2–3)
GRI 102-16	Values, principles, standards, and norms of behaviour	Vision & Values Code of Ethics
GRI 102-17	Mechanisms for advice and concerns about ethics	Integrity and Compliance
GRI 102-18	Governance structure	Sustainability Report (pp. 37–39) ATCO Ltd. Management Proxy Circular (p. 26)
GRI 102-22	Composition of Board and its committees	ATCO Ltd. Board Members: Management Proxy Circular (pp. 11–20) ATCO Ltd. Committee Members: Management Proxy Circular (pp. 34–37)
GRI 102-23	Chair of the Board	ATCO Ltd. Management Proxy Circular (p. 16)
GRI 102-40	List of stakeholder groups	The groups we engage include, but are not limited to: <ul style="list-style-type: none"> • community residents and landowners; • customers and potential customers; • Indigenous communities; • governments and regulators; • special interest groups and non-government organizations; • investors and potential investors; and • employees and potential employees. For more information visit ATCO.com
GRI 102-41	Collective bargaining agreements	ATCO Performance Summary (pp. 43–48)
GRI 102-43	Approach to stakeholder engagement	Sustainability Report (pp. 32–36)
GRI 102-45	Entities included in the consolidated financial statements	ATCO Ltd. Consolidated Financial Statements Entities covered in the CFS are also covered in our sustainability reporting unless noted. The treatment of joint ventures may be addressed differently in ATCO's 2021 Annual Report with respect to financial performance.
GRI 102-46	Defining report content and topic boundaries	Sustainability Report (p. 41)
GRI 102-47	List of material topics	Sustainability Report (p. 7) For more information visit ATCO.com

Standard Reference	Disclosure	Page Number and/or URL(s)
General Disclosures		
GRI 102-48	Restatements of information	ATCO Performance Summary (pp. 43–48)
GRI 102-49	Changes in reporting	ATCO Performance Summary (pp. 43–48)
GRI 102-50	Reporting period	January 1–December 31, 2021
GRI 102-51	Date of most recent report	Our 2021 Sustainability Report was released in April 2022
GRI 102-52	Reporting cycle	Annual
GRI 102-53	Contact point for questions regarding the report	sustainability@atco.com
GRI 102-54	Claims of reporting in accordance with the GRI Standards	ATCO's Sustainability Report references the specific GRI Standards listed in this document.
GRI 102-55	GRI content index	Sustainability Framework Reference
GRI 102-56	External assurance	Senior management and relevant staff have reviewed all information and believe it is an accurate representation of our performance. We undertook a variety of internal and external review activities on information presented in the 2021 Sustainability Report and associated disclosures. However, third-party assurance has not been conducted. In 2022, we will start the process of external third-party assurance.
Material Topics		
Energy Transition		
GRI 103	Management Approach	Sustainability Report (pp. 11–15)
Company Indicator	Spend on new and refurbished infrastructure (\$)	Sustainability Report (p. 14)
GRI 302-1	Energy consumption within the organization	ATCO Performance Summary (pp. 43–48)
GRI 302-4	Reduction of energy consumption	Sustainability Report (pp. 16–20)
Climate Change & Environmental Stewardship		
GRI 103	Management Approach	Sustainability Report (pp. 16–20)
GRI 305-1	Direct (Scope 1) GHG emissions	ATCO Performance Summary (pp. 43–48)
GRI 305-2	Energy indirect (Scope 2) GHG emissions	ATCO Performance Summary (pp. 43–48)
GRI 305-4	GHG emissions intensity	ATCO Performance Summary (pp. 43–48)
GRI 306-3	Significant spills	ATCO Performance Summary (pp. 43–48)
GRI 307-1	Non-compliance with environmental laws and regulations	ATCO Performance Summary (pp. 43–48)

Standard Reference	Disclosure	Page Number and/or URL(s)
Material Topics		
GRI 303-5	Water consumption	ATCO Performance Summary (pp. 43–48)
GRI 305-6	Emissions of ozone-depleting substances	ATCO Performance Summary (pp. 43–48)
GRI 305-7	Nitrogen oxides, sulphur dioxides and other significant air emissions	ATCO Performance Summary (pp. 43–48)
GRI 306-2	Waste by type	ATCO Performance Summary (pp. 43–48)
People		
GRI 103	Management Approach	Sustainability Report (pp. 21–26, 27–31)
GRI 403-9	Work-related injury rates	Sustainability Report (p. 29) ATCO Performance Summary (pp. 43–48)
GRI 401-1	Employee turnover rate	ATCO Performance Summary (pp. 43–48)
GRI 405-1	Diversity of governance bodies and employees	ATCO Ltd. Management Proxy Circular (pp. 30–32) Sustainability Report (pp. 30–31, 38) ATCO Performance Summary (pp. 43–48)
GRI 406-1	Incidents of discrimination	ATCO Performance Summary (pp. 43–48)
GRI 416-2	Non-compliance incidents regarding safety of products and services	Included as part of 'Number of Regulatory Non-compliance Incidents' in ATCO Performance Summary (pp. 43–48)
GRI 418-1	Customer privacy breaches	ATCO Performance Summary (pp. 43–48)
GRI 419-1	Non-compliance with laws and regulations in the social and economic areas	Included as part of 'Number of Regulatory Non-compliance Incidents' in ATCO Performance Summary (pp. 43–48)
Community & Indigenous Relations		
GRI 103	Management Approach	Sustainability Report (pp. 32–36)
GRI 411-1	Incidents of violations involving rights of Indigenous Peoples	ATCO Performance Summary (pp. 43–48)
Other Topics Covered		
Economic		
GRI 201-1	Economic value generated and distributed	ATCO Performance Summary (pp. 43–48)
GRI 201-3	Coverage of defined benefit pension plan obligations	ATCO Performance Summary (pp. 43–48)
GRI 201-4	Financial assistance received from governments	Any material financial assistance from governments is reported in the ATCO Ltd. Management's Discussion & Analysis
GRI 205-3	Corruption incidents	ATCO Performance Summary (pp. 43–48)

SASB Aligned Disclosures

The Sustainability Report includes data for ATCO Ltd. (ACO.X, ACO.Y). ATCO's sustainability reporting references SASB as listed below for the Electric Utilities & Power Generators industry and the Gas Utilities & Distributors industry.

Standard Reference	Disclosure	Page Number and/or URL(s)
SASB IF-EU-110a.1	Direct (Scope 1) GHG emissions	ATCO Performance Summary (p. 43)
SASB IF-EU-110a.3	Direct (Scope 1) GHG emissions strategy including reduction targets	Sustainability Report (pp. 8–9, 16–20)
SASB IF-EU-110a.4	Renewable portfolio standard (RPS) customers	Not applicable
SASB IF-EU-120a.1	Nitrogen oxides, sulphur dioxides and other significant air emissions	ATCO Performance Summary (p. 43)
SASB IF-EU-140a.1	Water consumption	ATCO Performance Summary (p. 43)
SASB IF-EU-150a.1	Coal combustion residuals (CCR) generated and recycled	Not applicable
SASB IF-EU-150a.2	Coal combustion residuals (CCR) impoundments	Not applicable
SASB IF-EU-240a.4	Discussion of factors that affect energy affordability	Sustainability Report (pp. 10–15)
SASB IF-EU-320a.1	Work-related injury rates	Sustainability Report (p. 29) & ATCO Performance Summary (p. 44)
SASB IF-EU-540a.1	Nuclear power units	Not applicable
SASB IF-EU-540a.2	Nuclear safety	Not applicable
SASB IF-EU-550a.2	System Average Interruption Duration Index (SAIDI), System Average Interruption Frequency Index (SAIFI)	Sustainability Report (p. 26) & ATCO Performance Summary (p. 47)
SASB IF-EU-000.C	Length of electricity transmission and distribution lines	Sustainability Report (p. 5)
SASB IF-GU-240a.4	Discussion of factors that affect energy affordability	Sustainability Report (pp. 10–15)
SASB IF-GU-540a.3	Transmission pipeline in-line inspections	Sustainability Report (p. 24)
SASB IF-GU-540a.4	Description of efforts to manage the integrity of gas delivery infrastructure, including risks related to safety and emissions	Sustainability Report (p. 24)
SASB IF-GU-000.C	Length of gas (1) transmission and (2) distribution pipelines	Sustainability Report (pp. 5, 24)

TCFD Aligned Disclosures

ATCO has always been a proponent of reporting core non-financial information and indicators to provide meaningful, efficient and transparent disclosures in priority areas for customers of our sustainability reporting (i.e. investors, business partners, customers, communities, Indigenous groups, employees, and governments).

In 2021, ATCO expanded alignment to the TCFD recommendations. We have provided available mapping to existing disclosures below, and plan to continue to evolve our external disclosure around climate-related risks and opportunities in alignment with the TCFD recommendations.

For more information on the TCFD please visit www.fsb-tcfd.org.

TCFD Recommendations		Links to ATCO Information
Governance		
Disclose the organization's governance around climate-related risks and opportunities.	Describe the board's oversight of climate-related risks and opportunities.	The board and committees of the board provide oversight on material sustainability topics, including climate-related risks and opportunities. Our Sustainability Report (pp. 37–39) describes the board's oversight of climate-related risks and opportunities, as well as the roles and responsibilities of the board committees. The Management Proxy Circular (pp. 26–34) provides more information on our overall approach to governance. The board fully endorses our strategic 2030 ESG Targets and commitment to net-zero emissions by 2050.
	Describe management's role in assessing and managing risks and opportunities.	Management assesses material climate-related risks and opportunities to determine the best course of action. Our Sustainability Report (pp. 37–39) describes management's role in assessing and managing climate-related risks and opportunities. The Management Proxy Circular (pp. 26–34) provides more information on our overall approach to governance.

TCFD Recommendations		Links to ATCO Information
Strategy		
Disclose the actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning where such information is material.	Describe the climate-related risks and opportunities the organization has identified over the short, medium and long term.	Our climate-related risks and opportunities include policy/regulatory, market, technology, reputational, and physical risks. The Management's Discussion & Analysis (pp. 5–11), Management's Discussion & Analysis (pp. 44–48), Management's Discussion & Analysis (pp. 61–69) and Sustainability Report (pp. 16–20) describe the material climate-related risks and opportunities we have identified.
	Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.	Sustainability is interwoven into our businesses, strategy, and planning. Our Sustainability Report (p. 6) provides an overview of how climate-related risks and opportunities are integrated throughout the organization. The Management's Discussion & Analysis (p. 4), Management's Discussion & Analysis (pp. 5–11), Management's Discussion & Analysis (pp. 44–48), Management's Discussion & Analysis (pp. 61–69) and Sustainability Report (pp. 16–20) provide more information on how we incorporate climate-related risks and opportunities into our businesses, strategy, and planning.
	Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.	In 2021 we conducted a significant decarbonization modelling project for our energy businesses, which highlighted the resilience of our business model and strategy to decarbonize. The Management's Discussion & Analysis (pp. 44–48) and Sustainability Report (pp. 16–20) provide more information on our climate-related strategies and resiliency.
Risk Management		
Disclose how the organization identifies, assesses, and manages climate-related risks.	Describe the organization's processes for identifying and assessing climate-related risks.	Our enterprise risk management process allows us to identify and assess risks by both severity of impact and probability of occurrence, including climate-related risks. The Management's Discussion & Analysis (pp. 44–48), Management's Discussion & Analysis (pp. 61–69), Sustainability Report (pp. 16–20) and the Sustainability Report (pp. 37–39) provide more information on how we identify and assess climate-related risks.
	Describe the organization's processes for managing climate-related risks.	Our enterprise risk management process allows us to identify and assess risks by both severity of impact and probability of occurrence, including climate-related risks. The Management's Discussion & Analysis (pp. 44–48), Management's Discussion & Analysis (pp. 61–69), Sustainability Report (pp. 16–20) and the Sustainability Report (pp. 37–39) provide more information on how we manage climate-related risks.
	Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.	Our enterprise risk management process allows us to identify and assess risks by both severity of impact and probability of occurrence, including climate-related risks. The Management's Discussion & Analysis (pp. 44–48), Management's Discussion & Analysis (pp. 61–69), Sustainability Report (pp. 16–20) and the Sustainability Report (pp. 37–39) provide more information on how identifying, assessing, and managing climate-related risks are integrated into our overall risk management processes.

TCFD Recommendations		Links to ATCO Information
Metrics and Targets		
Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities where such information is material.	Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.	The ATCO Performance Summary (pp. 43–48) outlines the metrics we use and our performance.
	Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.	The ATCO Performance Summary (pp. 43–48) outlines our Scope 1, Scope 2, and Scope 3 GHG emissions. Our Sustainability Report (pp. 16–20) provides more information on our Scope 1, Scope 2, and Scope 3 GHG emissions.
	Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.	In January 2022, we published a news release announcing an initial set of strategic 2030 ESG Targets as well as a commitment to net-zero emissions by 2050. The Management's Discussion & Analysis (p. 4) provides more information on how we plan to achieve these targets, and the 'Scorecard' section of the Management's Discussion & Analysis (pp. 15–22) outlines our strategic priorities and progress towards targets. Our Sustainability Report (pp. 8-9, 11, 12, 13, 17, 18, 28, 30, 36, 38) provides more detailed information on our ESG Targets and net-zero commitment, and the ATCO Performance Summary (pp. 43–48) outlines our performance towards targets.