

2020 ESG METRICS

HEALTH AND SAFETY	2020	2019	2018	2017	GRI	SASB
Senior leader safety engagement (#) ⁱ	81	125	94	49	403-1	-
Hazard ID close-out %	99%	99%	99%	99%	403-2	-
Average number of days to close	22	31	35	33	403-2	-
Number of Joint Health and Safety Committees	6	-	-	-	403-4	-
Joint Health and Safety Committee Meetings Held	22	-	-	-	403-4	-
HSE training compliance	100%	-	-	-	403-5	EM-EP-320a.1.
Fatalities (#)	0	0	0	0	403-9	-
Total recordable injury rate employees and contractors (TRIR) ⁱⁱ	1.00	1.03	-	-	403-9	-
Total recordable injury rate employees	0.81	1.09	1.02	1.07	403-9	EM-EP-320a.1.
Total recordable injury rate contractors	2.72	0.00	-	-	403-9	EM-EP-320a.1.
Lost time injury rate employees and contractors (LTIR) ⁱⁱⁱ	0.18	0.15	-	-	403-9	EM-EP-320a.1.
Lost time injury rate employees	0.20	0.16	0.07	0.25	403-9	EM-EP-320a.1.
Lost time injury rate contractors	0.00	0.00	-	-	403-9	EM-EP-320a.1.
Motor vehicle incident rate (MVir) ^{iv}	1.59	1.80	2.14	2.66	403-9	EM-EP-320a.1.
Serious injuries and fatalities potential (SIF(P)) rate ^v	0.50	0.94	0.87	0.16	403-9	EM-EP-320a.1.
EMISSIONS	2020	2019	2018	2017	GRI	SASB
Scope 1 and Scope 2 greenhouse gas emissions (tCO ₂ e) Corporate	80,569	-	-	-	305-1 & 2	-
Scope 1 and Scope 2 greenhouse gas intensity (kg CO ₂ e/m ³) Corporate	8.54	-	-	-	305-4	-
Scope 1 greenhouse gas emissions (tCO ₂ e) Corporate ^{vi}	46,049	62,739	55,789	52,138	305-1	EM-MD-110a.2
Scope 1 greenhouse gas intensity (kg CO ₂ e/m ³) Corporate	4.88	4.99	5.07	5.67	305-4	-
Reduction in Scope 1 greenhouse gas intensity (%) Corporate	2.3%	1.5%	6.7%	-	305-5	-
% of Scope 1 GHG emissions from methane emissions	7.0%	8.6%	8.2%	4.6%	-	EM-MD-110a.1.3
% of Scope 1 GHG emissions covered under emissions-limiting regulation	55.0%	-	-	-	-	EM-MD-110a.1.4
Scope 1 greenhouse gas emissions (tCO ₂ e) Canada ^{vii}	34,103	44,320	38,547	36,403	305-1	EM-MD-110a.1
Scope 1 greenhouse gas intensity (kg CO ₂ e/m ³) Canada	4.10	4.23	4.39	5.14	305-4	-
Scope 1 greenhouse gas emissions (tCO ₂ e) USA ^{viii}	6,489	9,745	8,328	6,774	305-1	EM-MD-110a.1
Scope 1 greenhouse gas intensity (kg CO ₂ e/m ³) USA	5.82	4.69	3.74	3.22	305-4	-
Total fuel use Corporate (000s Litres)	2,320	3,687	3,788	3,808	-	-
Scope 1 GHG fleet emissions (tCO ₂ e) Corporate ^{ix}	5,458	8,674	8,914	8,961	305-1	-
Reduction Scope 1 GHG fleet emissions (%) Corporate	37%	2.7%	0.53%	-	N/A	EM-MD-110a.2
Total fuel use - Canada (000s Litres)	2,226	3,440	3,463	3,419	-	-
Scope 1 GHG fleet emissions (tCO ₂ e) - Canada	5,238	8,095	8,148	8,046	305-1	-
Total fuel use - USA (000s Litres)	94	246	326	389	-	-
Scope 1 GHG fleet emissions (tCO ₂ e) - USA	220	580	766	916	305-1	-
Scope 2 greenhouse gas emissions (tCO ₂ e) Corporate ^x	34,520	-	-	-	305-2	-
Scope 2 greenhouse gas intensity (kg CO ₂ e/m ³) Corporate	3.66	-	-	-	305-4	-
Scope 2 greenhouse gas emissions (tCO ₂ e) Canada	33,631	-	-	-	305-2	-
Scope 2 greenhouse gas intensity (kg CO ₂ e/m ³) Canada	4.04	-	-	-	305-4	-
Scope 2 greenhouse gas emissions (tCO ₂ e) USA	889	-	-	-	305-2	-

Scope 2 greenhouse gas intensity (kg CO ₂ e/m ³) USA	0.80	-	-	-	305-4	-
Nitrogen Oxides (NOx) (t) Canada ^{xi}	14.81	27.36	24.21	23.10	305-7	EM-MD-120a.1.
Particulate Matter (PM10) (t) Canada ^{xi}	9.14	16.19	12.32	9.86	305-7	EM-MD-120a.1.
ELECTRICAL POWER	2020	2019	2018	2017	GRI	SASB
Total (MWh) Corporate ^{xii}	69,566	82,621	-	-	302-1	-
<i>Reduction in Electrical Power Consumption</i>	16%	-	-	-	302-4	-
Renewable Sources (MWh) Corporate	12,226	15,960	-	-	302-1	-
% Renewable Sources	18%	19%	-	-	302-1	-
Energy Intensity (MWh/000s m ³ fluids handled)	7.37	6.58	-	-	302-3	-
Canadian Facilities (MWh)	61,366	-	-	-	302-1	-
Renewable Sources (MWh)	9,438	-	-	-	302-1	-
% Renewable Sources	15%	-	-	-	302-1	-
Energy Intensity (MWh/000s m ³ fluids handled)	7.37	-	-	-	302-3	-
US Facilities (MWh)	8,200	-	-	-	302-1	-
Renewable Sources (MWh)	2,788	-	-	-	302-1	-
% Renewable Sources	34%	-	-	-	302-1	-
Energy Intensity (MWh/000s m ³ fluids handled)	7.35	-	-	-	302-3	-
BIODIVERSITY AND LAND USE	2020	2019	2018	2017	GRI	SASB
Significant spills (#) ^{xiii}	0	1	0	0	306-3	EM-EP-160a.2.
Released substances from significant spills (m ³)	0	30	0	0	306-3	EM-EP-160a.2.
Reportable spills (#) ^{xiv}	8	23	18	24	306-3	-
Released substances from reportable spills (m ³)	29	66	113	169	306-3	-
Total reportable and significant spill volume (m ³)	29	96	113	169	306-3	-
Spill intensity reportable and significant spills (m ³ /000s m ³ fluids handled)	3.08	7.64	10.28	18.37	306-3	-
Spills > 1 bbl (#)	23	93	120	110	-	EM-EP-160a.2.
Spills >1 bbl (m ³)	65	95	158	216	-	EM-EP-160a.2.
Total wells abandoned	2	3	5	1	-	-
WATER MANAGEMENT	2020	2019	2018	2017	GRI	SASB
Fresh water interactions (withdrawn, consumed, discharged) (000s m ³) ^{xv}	534	-	-	-	303-1	EM-EP-140a.1.
Fresh water returned to watershed (000s m ³)	349	-	-	-	303-4	EM-EP-140a.1.
Fresh water withdrawn and consumed 000s (m ³)	185	261	-	-	303-3 & 5	EM-EP-140a.1.2
% Reduction in water withdrawn and consumed	29%	-	-	-	303-3 & 5	EM-EP-140a.1.2
% Water withdrawn in High or Extremely High Baseline Water Stress Locations ^{xvi}	1.6%	-	-	-	-	EM-EP-140a.1.3
% Water consumed in High or Extremely High Baseline Water Stress Locations ^{xvi}	1.7%	-	-	-	303-5	EM-EP-140a.1.4
ASSET INTEGRITY	2020	2019	2018	2017	GRI	SASB
Spend (\$000)	\$809	\$1,086	\$1,060	-	-	-
Inspections (#)	246	313	405	-	-	-
HAZARDOUS WASTE GENERATION	2020	2019	2018	2017	GRI	SASB
Canadian midstream processing facilities (t)	10,165	16,119	-	-	306-2	-
COMMUNITY INVESTMENT	2020	2019	2018	2017	GRI	SASB
Charitable donations (\$000)	\$129	\$492	\$473	\$293	413-1	-
Other community sponsorships and donations (\$000)	\$99	\$604	\$567	\$390	413-1	-
Fundraising contributions (\$000)	\$95	\$450	\$689	\$440	413-1	-

Volunteering (\$000)	\$40	-	-	-	413-1	-
Total (\$000)	\$363	\$1,546	\$1,729	\$1,123	413-1	-
INDIGENOUS RELATIONS	2020	2019	2018	2017	GRI	SASB
Indigenous suppliers utilized	51	51	36	31	203-2	-
Indigenous spending (\$000)	\$8,920	\$6,912	\$5,440	\$4,196	203-2	-
WORKFORCE	2020	2019	2018	2017	GRI	SASB
Permanent employees (#)	944	1,293	1,474	1,359	102-7	-
Men	78%	76%	77%	78%	405-1	-
Women	22%	24%	23%	22%	405-1	-
Median age	40	38	37	37	-	-
Average tenure (years)	5.3	3.7	3.1	2.9	-	-
Employee turnover %	47%	34%	32%	30%	401-1	-
Involuntary	34%	15%	13%	10%	401-1	-
Voluntary	13%	19%	19%	20%	401-1	-

‘-’ Data not available

ESG 2020 METHODOLOGY AND DATA SOURCES

- i. Senior leader safety engagement with front line workers. This includes safety meetings, site visits, and safety stand downs.
- ii. TRIR is the ratio of recordable injuries to hours worked. The ratio is used to normalize the recordable injuries and exposure hours back to how many workers would get injured for every 100 workers over the course of a year.
- iii. LTIR is the ratio of lost time injuries to hours worked. The ratio is used to normalize the lost time injuries and exposure hours back to how many workers would get injured for every 100 workers over the course of one year.
- iv. MVIR is the number of preventable motor vehicle incidents per 1,000,000 kilometres driven.
- v. SIF(P)R is the ratio used to normalize the serious injury incidents or near misses and exposure hours back to how many workers would face a serious injury or near miss situation per 100 workers over the course of a year.
- vi. Scope 1 GHG emissions Canada and U.S. Data sources from all company fleet vehicles, and Midstream Infrastructure operational facilities including stationary combustion equipment, fugitive component leaks, and tank vents. See below for more information.
- vii. Scope 1 GHG emissions Canada. Determined using the Guide to Reporting the National Pollutant Release Inventory, Environment and Climate Change Canada; and the B.C. Best Practices Methodology for Quantifying Greenhouse Gas Emissions; Table 1: Stationary Fuel Combustion and Table 2: Source Emission Factors – Stationary Fuel Combustion.
- viii. Scope 1 GHG emissions USA. Determined using Energy Intensity and Greenhouse Gas Emissions from Tight Oil Production in the Bakken Formation; American Chemical Society (Brandt et al, 2016).
- ix. All company fleet vehicles. Determined using the B.C. Best Practices Methodology for Quantifying Greenhouse Gas Emissions; Table 7: Fleet Fuel Consumption.
- x. Scope 2 GHG emissions Canada and USA. Determined using the Alberta Carbon Offset Emission Factors Handbook, the B.C. Electricity Emission Intensity Factors for Grid-Connected Entities, the Saskatchewan Power Sector GHG Emissions, and the US EPA eGRID Power Profiler.
- xi. Nitrogen Oxides (NOx) and Particulate Matter (PM10) determined using the Guide to Reporting the National Pollutant Release Inventory, Environment and Climate Change Canada.
- xii. In 2020, the Corporation purchased a total 69,566 MWh of electricity from grids in British Columbia, Alberta, Saskatchewan and North Dakota. Of this total, 12,226 MWh was generated from renewable sources including wind, solar and hydroelectric, according to overall grid percentages of renewable generation in each jurisdiction.
- xiii. A significant spill is one that is outside of containment, impacts land or water, and triggers the activation of SECURE’s Corporate Emergency Support Team.
- xiv. Reportable spills are determined by operating jurisdiction. Products included in reportable spills are produced fluids, crude oil, solids, test fluids or production chemicals.
- xv. Total water withdrawn, consumed, and discharged is tracked at all of the Midstream Infrastructure division’s facilities in Canada and the USA.
- xvi. Water withdrawn and consumed in high or extremely high baseline water stress locations determined using the World Resources Institute’s (WRI) Water Risk Atlas tool.