

ESG Performance Data Table

MEG's performance data provides information for the period January 1, 2020 through to December 31, 2020 with five-year trends where possible. The information is reported for the facilities operated by MEG (excluding the Stonefell Terminal). Footnotes provide information regarding definitions, changes in methodology, and reasons for significant changes, where applicable. Financial values are reported in Canadian dollars and in a manner consistent with 2020 reports and regulatory filings. The performance data table aligns GRI Standards. MEG has also developed a SASB Index in line with the SASB Oil & Gas - Exploration & Production Standard (October 2018).

Metric	Units	GRI Reference	SASB Reference	2016	2017	2018	2019	2020	Footnote
Economic									
Steam-oil Ratio	bbl of steam/ bbl of bitumen			2.29	2.30	2.19	2.22	2.32	
Common Shares Outstanding	millions			226	294	297	300	303	
Market capitalization	\$ millions	102-7		2,090	1,512	2,289	2,213	1,347	
Gross sales	\$ millions			1,875	2,457	2,771	3,976	2,301	
Adjusted funds flow	\$ millions			-62	374	180	726	278	EC-1
Annual capital investments	\$ millions	201-1		140	502	622	198	149	EC-2
Operating expenses	\$ millions			254	222	210	238	232	
Total assets	\$ millions	102-7		8,921	9,363	8,410	7,866	7,224	EC-3
Royalties, taxes and fees	\$ millions	201-1		9	23	38	45	9	
Net debt to capitalization ratio		102-7		59%	49%	45%	43%	44%	
Debt to capitalization ratio		102-7		61%	54%	49%	45%	45%	

Climate Change and Greenhouse Gas Emissions

Direct GHG Emissions (Scope 1)	tonnes CO ₂ e	305-1	EM-EP-110a.1	2,036,574	2,048,121	2,140,537	2,304,490	2,113,450	GHG-1, GHG-2, GHG-3
(1) Scope 1 by GHG Type – CO ₂	tonnes CO ₂	305-1	n/a	2,012,698	2,026,908	2,119,323	2,286,737	2,100,396	GHG-3
(2) Scope 1 by GHG Type – CH ₄	tonnes CH ₄	305-1	n/a	565	467	543	377	218	GHG-4
(3) Scope 1 by GHG Type – N ₂ O	tonnes N ₂ O	305-1	n/a	33	32	26	28	26	
Indirect GHG Emissions (Scope 2)	tonnes CO ₂ e	305-2		1,110	90	20	0	16	GHG-6
NET GHG Emissions Intensity	kg CO ₂ e/bbl	305-4	n/a	50	52	51	52	55	GHG-7
Bitumen GHG Emissions Intensity	kg CO ₂ e/bbl	305-4	n/a	57	57	56	57	59	GHG-7
Electricity GHG Emissions Intensity	kg CO ₂ e/ MWh	305-4	n/a	341	350	353	350	351	GHG-7

ESG Performance Data Table

Metric	Units	GRI Reference	SASB Reference	2016	2017	2018	2019	2020	Footnote
Water and Wastewater Management									
Total water withdrawal	thousand m ³	303-3		1,197	1,336	1,134	653	660	
Water withdrawal by Type:									
(1) Non-saline water withdrawal	thousand m ³	303-3	EM-EP-140a.1	1,105	1,096	986	583	512	W-1, W-7
(2) Total saline water withdrawal	thousand m ³	303-3		91	240	148	71	148	W-1, W-10
Water withdrawal by Source:									
(1) Surface water withdrawal	thousand m ³	303-3		33	126	134	53	33	W-2, W-8
(2) Groundwater withdrawal	thousand m ³	303-3		1,163	1,210	1,000	600	626	W-3
Recycled Water – percentage recycled	thousand m ³	303-3		91	91	93	96	96	W-9
Produced Water Volume:	thousand m ³	303-3	EM-EP-140a.2	11,089	11,150	11,627	13,244	12,458	W-4
(1) percentage discharged	%		EM-EP-140a.2	0	0	0	0	0	
(2) percentage injected	%		EM-EP-140a.2	100	100	100	100	100	
(3) percentage recycled	%		EM-EP-140a.2	90	90	90	88	86	
Total make-up water withdrawal:	thousand m ³	303-3		1,128	1,143	905	543	568	W-4
(1) Saline make-up water withdrawal	thousand m ³	303-3		91	240	148	71	148	W-4, W-10
(2) Non-Saline make-up water withdrawal	thousand m ³	303-3		1,035	903	756	472	421	W-4, W-7
Total make-up water intensity	m ³ /m ³ oil production	301-1		0.24	0.24	0.18	0.10	0.12	W-10
Non-saline make-up water intensity	m ³ /m ³ oil production	301-1		0.22	0.19	0.15	0.09	0.09	

ESG Performance Data Table

Metric	Units	GRI Reference	SASB Reference	2016	2017	2018	2019	2020	Footnote
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Air Quality and Waste Management

NOx emissions	tonnes	305-7	EM-EP-120a.1	865	901	917	846	797	
NOx emissions intensity of oil production	kg/bbl	305-7		0.029	0.029	0.028	0.027	0.026	
SO ₂ emissions	tonnes	305-7	EM-EP-120a.1	380	306	361	845	709	AQ-1
SO ₂ emissions intensity of oil production	kg/bbl	305-7	EM-EP-120a.1	0.013	0.010	0.011	0.025	0.023	
VOC emissions	tonnes	305-7	EM-EP-120a.1	125	147	146	102	89	AQ-2
VOC emissions intensity of oil production	kg/bbl	305-7		0.004	0.005	0.005	0.003	0.003	
Total Particulate Matter	tonnes	305-7		95	78	80	54	83	AQ-3
Total Particulate Matter intensity of oil production	kg/bbl	305-7		0.003	0.003	0.003	0.002	0.003	
Flared Gas	e ³ m ³			420	791	790	1,598	958	AQ-4
Vented Gas	e ³ m ³			–	–	47.4	55.5	30.2	AQ-5

Land and Biodiversity

Active Commercial Footprint	hectares		n/a	1,033	1,055	1,094	1,087	1,085	LB-1
Total Land Undergoing Reclamation/Restoration	hectares		n/a	20	68	93	100	104	LB-2

Spills

Reportable spill	count	306-3	EM-EP-160a.2	6	7	5	4	8	S-1, S-2
Total volume of reportable spills	m ³	306-3	EM-EP-160a.2	35	37	34	34	123	S-1, S-2, S-3
Total volume of reportable spills – Hydrocarbon	m ³	306-3	EM-EP-160a.2	30	33	15	8	13	S-1, S-2
Count of reportable spills – Hydrocarbon	count	306-3	EM-EP-160a.2	5	3	2	2	2	S-1, S-2
Total volume of reportable spills – Non-Hydrocarbon	m ³	306-3	EM-EP-160a.2	5	4	20	26	110	S-1
Count of reportable spills – Non-Hydrocarbon	count	306-3	EM-EP-160a.2	1	3	3	2	6	S-1
Reportable Spill Intensity	(m ³ of volume released per 10 ⁶ m ³ OE Total Production)	306-3	n/a	2.17	2.28	1.98	1.78	6.92	S-1, S-2

ESG Performance Data Table

Metric	Units	GRI Reference	SASB Reference	2016	2017	2018	2019	2020	Footnote
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Health and Safety

Total Recordable Incident Rate (TRIF)	# per 200,000 hours worked	403-2	EM-EP320a.1	0.3	0.74	0.43	0.26	0.22	
Lost-time injury frequency – Employee	# per 200,000 hours worked	403-2	EM-EP320a.1	0.00	0.18	0.19	0.00	0.00	
Lost-time injury frequency – Contractor	# per 200,000 hours worked	403-2	EM-EP320a.1	0.00	0.28	0.19	0.15	0.20	HS-1
Recordable injury frequency – Employee	# per 200,000 hours worked	403-2	EM-EP320a.1	0.17	0.36	0.37	0.00	0.26	HS-2
Recordable injury frequency – Contractor	# per 200,000 hours worked	403-2	EM-EP320a.1	0.48	0.94	0.65	0.30	0.20	
Fatalities – Employee	count	403-2	EM-EP320a.1	0	0	0	0	0	
Fatalities – Contractor	count	403-2	EM-EP320a.1	0	0	0	0	0	

Process Safety Management

Tier 1	# per 200,000 hours worked		EM-EP-540a.1	0.20	0.06	0.00	0.09	0.22	PSM-1
Tier 2	# per 200,000 hours worked		n/a	0.10	0.12	0.10	0.09	0.11	PSM-1
Serious Incident Frequency (SIF)	# per 200,000 hours worked		n/a		7.00	4.50	1.30	1.20	PSM-2

Indigenous Relations

Indigenous business spend	\$ (millions)	204-1		28,087,949	83,991,794	92,778,667	37,781,190	36,691,668	IR-1, IR-2
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ESG Performance Data Table

Metric	Units	GRI Reference	SASB Reference	2016	2017	2018	2019	2020	Footnote
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Our People

Number of Employees Total	count	102-7		584	516	515	447	391	WF-1
Age by range – 30 years and younger	count	405-1		–	49	38	29	24	WF-4
Age by range – 30 – 50 years old	count	405-1		–	343	345	316	269	WF-4
Age by range – over 50 years old	count	405-1		–	124	132	102	98	WF-4
Women Total	%	102-8; 405-1		–	23	22	21	19	WF-1
Men Total	%	102-8; 405-1		–	77	78	79	81	
Women in Management	%	405-1		–	22	22	25	27	WF-2
Women in Senior Management	%	405-1		–	21	24	25	18	WF-1, WF-3
Location of Employees – Office	count	102-7		–	285	280	217	203	WF-4
Location of Employees – Field	count	102-7		–	231	235	230	188	WF-4
New employee hires	%	401-1		–	2	7	9	8	WF-4
Male new employee hires	%	401-1		–	60	82	67	67	WF-4
Female new employee hires	%	401-1		–	40	18	33	33	WF-4
Employee Turnover Rate	%	401-1		–	15	7	22	21	
Ratio of permanent to temporary employee contracts	%			–	34:1	29:1	28:1	39:1	WF-4, WF-5

Community Investment

Total contribution to charitable, non-charitable and community groups	\$ (millions)	201-1		1,896,164	,565,487	3,511,891	2,949,918	1,761,263	CI-1
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SASB Index

Metric	Units	SASB Code	2020	Page	Footnote
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Activity

Production of:

(1) oil	bbl/day	EM-EP-000.A	82,441		
(2) natural gas	bbl/day	EM-EP-000.A	0		
(3) synthetic oil	bbl/day	EM-EP-000.A	0		
(4) synthetic gas	bbl/day	EM-EP-000.A	0		
Number of offshore sites	count	EM-EP-000.B	0		
Number of terrestrial sites	count	EM-EP-000.C	1		

Reserves Valuation & Capital Expenditures

Estimated carbon dioxide emissions embedded in proved hydrocarbon reserves	kg/TJ	EM-EP-420a.2	We will evaluate and consider for future disclosure.		
Amount invested in renewable energy, revenue generated by renewable energy sales	\$	EM-EP-420a.3	0		
Sensitivity of hydrocarbon reserve levels to future price projection scenarios that account for a price on carbon emissions	million barrels (MMbbls)	EM-EP-420a.1	We will evaluate and consider for future disclosure.		
Discussion of how price and demand for hydrocarbons and/or climate regulation influence the capital expenditure strategy for exploration, acquisition, and development of assets	Discussion & analysis	EM-EP-420a.4		24	

Management of the Legal & Regulatory Environment

Discussion of corporate positions related to government regulations and/or policy proposals that address environmental and social factors affecting the industry	Discussion & analysis	EM-EP-530a.1	Relevant regulatory and/or legal risks are discussed throughout the report as relevant and can be found in the "Why is this Important" section for each ESG factor.	19	
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Business Ethics & Transparency

Percentage of (1) proved and (2) probable reserves in countries that have the 20 lowest rankings in Transparency International's Corruption Perception Index	count	EM-EP-510a.1	0		
Description of the management system for prevention of corruption and bribery throughout the value chain	Discussion & analysis	EM-EP-510a.2		19	

SASB Index

Metric	Units	SASB Code	2020	Page	Footnote
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Greenhouse Gas Emissions

Direct GHG emissions (Scope 1)	tonnes CO ₂ e	EM-EP-110a.1	2,113,450	28, 58	GHG-1, GHG-2, GHG-3
Percentage methane	%	EM-RM-110a.1	0.26%	29	GHG-4
Percentage covered under emission-limiting regulations	%	EM-MM-110a.1	100		GHG-5
Amount invested in renewable energy, revenue generated by renewable energy sales	\$	EM-EP-420a.3	0		
Amount of Gross Global Scope 1 Emissions from:					
(1) flared hydrocarbons	tonnes CO ₂ e	EM-EP-110a.2	6,708	28	GHG-1, GHG-8
(2) other combustion	tonnes CO ₂ e	EM-EP-110a.2	2,103,994	28	GHG-1
(3) Process emissions	tonnes CO ₂ e	EM-EP-110a.2	N/A	28	GHG-9
(4) other vented emissions	tonnes CO ₂ e	EM-EP-110a.2	512	28	GHG-1, GHG-10
(5) fugitive emissions	tonnes CO ₂ e	EM-EP-110a.2	2,236	28	GHG-1, GHG-4
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	Discussion & analysis	EM-EP-110a.3		24-30	

Water Management

Total Non-Saline Water Withdrawal	thousand m ³	EM-EP-140a.1	512	34, 59	W-1, W-2, W-7, W-8
Total Non-Saline Water Consumed	thousand m ³	EM-EP-140a.1	30		W-11
Percentage of Total fresh water withdrawn in regions with High or Extremely High Baseline Water Stress Management	%	EM-EP-140a.1	0	31	W-5
Percentage of total fresh water consumed in regions with High or Extremely High Baseline Water Stress Management	%	EM-EP-140a.1	0	31	W-5
Produced Water Volume:	thousand m ³	EM-EP-140a.2	12,458	59	W-4
(1) percentage discharged	%	EM-EP-140a.2	0	59	
(2) percentage injected	%	EM-EP-140a.2	100	59	
(3) percentage recycled	%	EM-EP-140a.2	86	59	
(4) hydrocarbon content in discharged water	tonnes	EM-EP-140a.2	N/A		W-12
Percentage of hydraulically fractured wells for which there is public disclosure of all fracturing fluid chemicals used	%	EM-EP-140a.3	N/A		W-6
Percentage of hydraulically fractured sites where ground or surface water quality deteriorated compared to baseline	%	EM-EP-140a.4	N/A		W-6

SASB Index

Metric	Units	SASB Code	2020	Page	Footnote
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Biodiversity Impacts

Reportable spill	count	EM-EP-160a.2	8	38, 60	S-1, S-2
Total volume of reportable spills	m ³	EM-EP-160a.2	123	38, 60	S-1, S-2, S-3
Total volume of reportable spills – Hydrocarbon	m ³	EM-EP-160a.2	13	38, 60	S-1, S-2
Count of reportable spills – Hydrocarbon	count	EM-EP-160a.2	2	38, 60	S-1, S-2
Total volume of reportable spills – Non-Hydrocarbon	m ³	EM-EP-160a.2	110	38, 60	S-1
Count of reportable spills – Non-Hydrocarbon	count	EM-EP-160a.2	6	38, 60	S-1
Total volume of hydrocarbons recovered	m ³	EM-EP-160a.2			S-4
Number and aggregate volume of hydrocarbon spills, volume in Arctic, volume impacting shorelines with ESI rankings 8-10, and volume recovered	count, barrels (bbls)	EM-EP-160a.2	N/A		S-5
Description of environmental management policies and practices for active sites	Discussion & analysis	EM-EP-160a.1		38, 60	
Percentage of (1) proved and (2) probable reserves in or near sites with protected conservation status or endangered species habitat	%	EM-EP-160a.3	84		LB-3

Air Quality

NOx emissions	tonnes	EM-EP-120a.1	797	41, 60	
SO ₂ emissions	tonnes	EM-EP-120a.1	709	41, 60	AQ-1
VOC emissions	tonnes	EM-EP-120a.1	89	41, 60	AQ-2
Particulate Matter (PM ₁₀)	tonnes	EM-EP-120a.1	46	41, 60	AQ-3

SASB Index

Metric	Units	SASB Code	2020	Page	Footnote
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Workforce Health & Safety

Total Recordable Incident Rate (TRIF)	# per 200,000 hours worked	EM-EP320a.1	0.22	47, 61	
Lost-time injury frequency – Employee	# per 200,000 hours worked	EM-EP320a.1	0.00	47, 61	
Lost-time injury frequency – Contractor	# per 200,000 hours worked	EM-EP320a.1	0.20	47, 61	HS-1
Lost-time injury frequency – Short-service employee	# per 200,000 hours worked	EM-EP320a.1	–		HS-4
Recordable injury frequency – Employee	# per 200,000 hours worked	EM-EP320a.1	0.26	47, 61	HS-2
Recordable injury frequency – Contractor	# per 200,000 hours worked	EM-EP320a.1	0.20	47, 61	
Recordable injury frequency – Short-service employee	# per 200,000 hours worked	EM-EP320a.1	–		HS-4
Fatalities – Employee	count	EM-EP320a.1	0	47, 61	
Fatalities – Contractor	count	EM-EP320a.1	0	47, 61	
Fatalities – Short-service employee	count	EM-EP320a.1	–		HS-4
Near miss frequency rate a) employee b) contract, and c) short-service employees	rate	EM-EP320a.1	–		HS-3
Average hours of health, safety and emergency response training for a) employee b) contract, and c) short-service employees	hours	EM-EP320a.1	–		HS-4
Discussion of management systems used to integrate a culture of safety throughout the exploration and production lifecycle	Discussion & analysis	EM-EP-320a.2		43-46	

Critical Incident Risk Management

Tier 1	# per 200,000 hours worked	EM-EP-540a.1	0.22	47, 61	PSM-1
Description of management systems used to identify and mitigate catastrophic and tail-end risks.	Discussion & Analysis	EM-EP-540a.2		46	

SASB Index

Metric	Units	SASB Code	2020	Page	Footnote
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Security, Human Rights & Rights of Indigenous People

Percentage of 1) proved and 2) probable reserves in or near areas of conflict	%	EM-EP-210a.1	0		IR-3
Percentage of 1) proved and 2) probable reserves in or near Indigenous land	%	EM-EP-210a.2	100		IR-4
Discussion of engagement processes and due diligence practices with respect to human rights, indigenous rights, and operation in areas of conflict	Discussion & analysis	EM-EP-210a.3	N/A		

Community Relations

Discussion of process to manage risks and opportunities associated with community rights and interests	Discussion & analysis	EM-EP-210b.1		42-51	
Number of non-technical delays	count	EM-EP-210b.2	0		AQ-1
Duration of non-technical delays	days	EM-EP-210b.2	0		

Footnotes

- EC-1** The decrease in adjusted funds flow for 2020 reflects a decrease in cash operating netbacks as a result of lower AWB pricing resulting from a significant decline in commodity prices as a result of the COVID-19 pandemic.
- EC-2** The decrease in capital investment for 2020 reflects the decrease in spending as part of the company's efforts to preserve financial liquidity in response to the COVID-19 pandemic.
- EC-3** Total assets at December 31, 2020 decreased compared to December 31, 2019, mainly as a result of depletion and depreciation charges that were in excess of capital expenditures and the write-down of E&E assets due to the Corporation's decision to discontinue exploration and evaluation activities in certain non-core growth properties.
- GHG-1** Global Warming Potential from Fourth Assessment Report (AR4) applied.
- GHG-2** Scope 1 totals may not sum due to rounding.
- GHG-3** Emission decrease in 2020 associated with major planned turnaround at the Phase 1 and 2 facilities.
- GHG-4** Emissions decreased with revised monitoring method and continued implementation of leak detection and repair program.
- GHG-5** In 2020 our operational GHG emissions were regulated under the Technology Innovation and Emission Reduction (TIER) Regulation which is an emissions intensity-based regime requiring large emitters to reduce their emissions intensity below a prescribed level and requires third party verification.
- GHG-6** We generate electricity through the use of cogeneration and sell excess supply to the Alberta electricity grid. In 2020, a small amount of electricity was purchased due to a facility disruption.
- GHG-7** In previous disclosures, we reported emissions in the form of a Net GHG Emission Intensity metric we developed to recognize the production and sale of two products (bitumen and power). The approach recognizes the power consumed for the purpose of bitumen processing and the benefit of providing a cleaner supply of electricity onto the Alberta Power Grid. In this latest disclosure, we are introducing two new metrics to represent the two product types generated from our Christina Lake operations: Bitumen GHG Intensity and Electricity GHG Intensity. These metrics are independent of the composition of the Alberta Power Grid, which allow us to trend our performance more closely to operational changes at the facility level. The Bitumen GHG Intensity has an apparent trend of roughly 7% higher than the Net GHG Emission Intensity and is approximately 20% below the industry average, in 2020.
- GHG-8** Lower flare volume in 2020 associated with fewer plant disruptions that required the diversion of gas to flare.
- GHG-9** There are no process emissions associated with our operations.
- GHG-10** Vent emission decrease in 2020 associated with process management to minimize tank over pressuring and tie-in of compressor vent.
- W-1** Total non-saline water withdrawal includes non-saline groundwater (defined by The Alberta Water Act (Ministerial) Regulation as water with total dissolved solids (TDS) content less than 4000 milligrams per liter (mg/L) and surface water. Non-saline water included groundwater used for oil production, groundwater used for potable water, and surface water used for industrial purposes such as dust suppression, oil sands exploration activities and drilling activities.
- W-2** All water on the surface of the ground, including water in lakes, rivers, streams, wetlands and run-off collection ponds, natural or man-made. This water source is used for industrial purposes such as dust suppression, constructing ice roads and oil sands exploration and drilling activities. This water source is not used for oil production.
- W-3** Water beneath earth's surface and is present in pore spaces or fractures.
- W-4** Produced water is composed mainly of injected steam and water from the reservoir that is produced back along with the bitumen. The majority of water used in our process to generate steam is recycled produced water. The remaining water (termed make-up water which includes saline and non-saline groundwater) comes from water sources located deep underground. These water sources are unsuitable for human consumption or for agricultural purposes.
- W-5** The WRI Aqueduct tool classifies overall water risk in this area as Low to Medium Risk (1-2). MEG does not currently operate in water stressed areas.
- W-6** We do not undertake hydraulic fracturing activities. This category is not applicable.
- W-7** Lower non-saline water withdrawal volumes due to optimization projects to reduce non-saline demand, continued high-recycle rates, in addition to extended facility turnaround.
- W-8** Surface water withdrawal was lower in 2020 as a result of decreased need for road dust suppression related to increased precipitation and the application of a biodegradable chemical binding agent to the roads.
- W-9** Calculated in accordance with AER Industry Water Use Report. Recycled water is produced water previously returned from the reservoir and re-injected as a proportion of total make-up water; thus, measuring the ability to re-use produced water within the process. This is a measure of total produced water as a proportion of all non-saline, saline and produced water in.
- W-10** Increase in saline withdrawal associated with process optimization to substitute saline for non-saline volumes and the process testing of zero blowdown in preparation for 2021 commissioning of the MVC.
- W-11** Lower fresh water consumption related to slight decreases in water use for oil sands exploration and potable water.
- W-12** Not reported at this time.
- AQ-1** Since 2018, SO₂ emissions have increased as we revised our sulphur recovery strategy, with regulatory approval, to minimize the use of chemical scavenger. This was achieved while remaining within operating approval limits and Alberta Ambient Air Quality Objectives.
- AQ-2** Emissions decreased with revised monitoring method and continued implementation of leak detection and repair program.
- AQ-3** Increase in emissions reflects an increase in road dust due to an increase in traffic on unpaved roads associated with facility turnaround activities.
- AQ-4** Lower flare volume in 2020 associated with fewer plant disruptions that required the diversion of gas to flare.
- AQ-5** Continued proactive management of venting controls along with annual methane reduction targets has lead to continued reductions in vent volumes.
- LB-1** The active commercial footprint is defined as the areas at MEG's Christina Lake Regional Project that have been actively cleared for industrial purposes and remain disturbed without any reclamation. This definition and metric is derived from the Conservation and Reclamation report submitted to the Alberta Energy Regulator on an annual basis.
- LB-2** Inclusive of all areas that are under reclamation, meaning that no more work is required and the sites are revegetating in anticipation of applying for a reclamation certificate when the vegetation is sufficiently established.
- LB-3** Calculated by reporting how much of our commercial footprint is within the East Side Athabasca River caribou range, including an application of a 500 meter buffer around all disturbances per the Canadian Federal Recovery Strategy for the Woodland Caribou. Proven and probable reserves do not necessarily dictate the surface disturbance locations of in-situ oil sands industrial activity, so MEG has calculated this metric using the actual surface commercial footprint of our industrial site.
- S-1** Includes spills that met the reporting threshold of a regulatory agency. A reportable spill does not indicate that the released material entered the environment or caused adverse effects.
- S-2** We finished 2020 with an increase in total reportable spill count and volume from 2019. All spills were thoroughly cleaned up in a timely manner leaving no adverse impact to the environment or aquatic ecosystems. In response, we implemented targeted communication and inspection programs and enhanced the spill related metric in the corporate performance scorecard to drive performance improvements.
- S-3** Totals may not sum due to rounding.
- S-4** When a spill is identified, we respond promptly, using appropriate containment and clean up measures to mitigate any potential impact. We do not currently track volumes of hydrocarbon removed.

- S-5** We do not operating in the Arctic or near shorelines. This metric is not applicable to MEG.
- HS-1** 2019 and 2020 Contractor LTIF reflects 1 incident for each year. The increase from 2019 to 2020 resulted less exposure hours reported in 2020 than in 2019 bringing the frequency higher although incident value the same year over year.
- HS-2** Increase from 2019 to 2020 was reflective of 1 employee Medical Aid incident in 2020 relating to a dental repair.
- HS-3** MEG encourages reporting near misses of any severity from our workforce.
- HS-4** We do not have the ability to track this value at the current time.
- IR-1** "Indigenous business spend is calculated by taking the sum of MEG's gross spend with:
- (a) Community member-owned business – defined as business owned in whole or in part by an individual who self-identifies as Indigenous; plus
 - (b) Community-owned business – defined as business owned in whole or in part by and Indigenous community; plus
 - (c) Joint venture partnership – defined as an Indigenous business entering into a partnership with an individual self-identify as Indigenous or with an Indigenous community."
- IR-2** In 2019, our Indigenous spend decreased due to overall reduced expenditures along with increased capital efficiencies within our business functions.
- IR-3** In 2019, MEG began tracking this metric with reference to the SASB Oil & Gas – Exploration and Production Standard. Non-technical delays defined by SASB as shutdowns and project delays including, but not limited to, those resulting from pending regulatory permits or other political delays, community or stakeholder resistance or protest, and armed conflict.
- IR-4** In 2020, MEG began tracking this metric with reference to the SASB Oil & Gas – Exploration and Production Standard. MEG uses the same definition of 'Indigenous lands' as Article 33 of the United Nations Declaration on the Rights of Indigenous People, which is land occupied by people who self-identify as indigenous.
- PSM-1** Tier 1 and Tier 1 process safety events rates are classified per American Petroleum Institute (API) Recommended Practice 754 along with the Canadian Association of Petroleum Producers (CAPP) Process Safety Event Reporting guide.
- PSM-2** MEG began classifying incidents using the SIF metric as of 2017.
- WF-1** Due to the economic climate and impact of COVID-19 MEG completed an organizational review resulting in a layoff program June and August 2020.
- WF-2** Management workforce includes employee workforce in the following management levels: Manager, Sr. Manager, Director, VP, SVP or CEO
- WF-3** Senior Management workforce includes: Director, VP, SVP or CEO
- WF-4** Methodology for reporting was changed as a result of new software system that was implemented part way through 2016. To keep data consistent, MEG will report from 2017 onwards.
- WF-5** As a result of COVID-19 and economic climate many MEG projects were put on hold resulting in our temporary workforce that is contingent on projects being laid off.
- CI-1** Includes Community engagement, corporate donations, corporate matches to employee donations through MEGMatch, and grants through MEGVolunteers

Advisories

MEG has taken care to ensure that the information in this document is accurate; however, we disclaim any liability whatsoever for errors or omissions. Further, some information in this document may have been disclosed previously in other MEG public disclosure, and such disclosure is not intended in any way to be qualified, amended, modified or supplemented by information in this document. This document includes certain metrics, including emissions intensity (also referred to as GHG intensity, net GHG intensity, Bitumen GHG intensity and Electricity GHG intensity in this document), which do not have standardized meanings or standard methods of calculation and therefore such measures may not be comparable to similar measures used by other companies and should not be used to make comparisons. Such metrics have been included herein to provide readers with additional information to evaluate the MEG's performance; however, such measures are not reliable indicators of the future performance of the company and future performance may not compare to the performance in previous periods.