

# Ministry of Energy and Resources

## The Oil and Gas Emissions Management Regulations 2020 Annual Emissions Report

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# Letters of Transmittal



The Honourable Bronwyn Eyre  
Minister of Energy and  
Resources

Office of the Lieutenant Governor of Saskatchewan

I respectfully submit the Annual Emissions Report for *The Oil and Gas Emissions Management Regulations*, pursuant to section 53.63 of *The Oil and Gas Conservation Act*, for the calendar year ending December 31, 2020.

A handwritten signature in black ink, appearing to be 'B. Eyre'.

The Honourable Bronwyn Eyre  
Minister of Energy and Resources



Susanna Laaksonen-Craig  
Deputy Minister of Energy  
and Resources

The Honourable Bronwyn Eyre  
Minister of Energy and Resources

Dear Minister:

I respectfully submit to you the Annual Emissions Report for *The Oil and Gas Emissions Management Regulations*, for the calendar year ending December 31, 2020.

A handwritten signature in black ink, appearing to be 'Susanna Laaksonen-Craig'.

Susanna Laaksonen-Craig  
Deputy Minister of Energy and Resources

# Introduction

This report satisfies reporting requirements for *The Oil and Gas Emissions Management Regulations* (OGEMR). OGEMR was created pursuant to section 53.61 of *The Oil and Gas Conservation Act* and came into force January 1, 2019. The Minister of Energy and Resources is required, through section 53.63(3) of the Act, to submit any report prepared pursuant to this section, to the Legislative Assembly of Saskatchewan.

In accordance with section 20(1) of OGEMR, an annual report is required that sets out the following:

- The total of combined emissions at all oil facilities in Saskatchewan.
- The total of combined potential emissions at all oil facilities in Saskatchewan.
- The emissions for all oil facilities that are licensed by each business associate for the year.

The 2020 calendar year is the first year of required emissions reduction and therefore is the first year that an annual emissions report was developed.

## Overview

In December 2017, the Government of Saskatchewan released [Prairie Resilience: A Made-in-Saskatchewan Climate Change Strategy](#) ('the Strategy'). The Strategy outlines the Ministry of Energy and Resources' (the Ministry) commitment to develop a [Methane Action Plan \(MAP\)](#).

In January 2019, MAP was released to provide a comprehensive approach to reducing greenhouse gas (GHG) emissions from venting and flaring activities in the upstream oil and gas industry. MAP combines flexible results-based regulations with 10 complementary policies and programs to protect industrial competitiveness and limit carbon leakage risks.

As a part of MAP, OGEMR was specifically designed to achieve a 40 to 45 per cent reduction in annual GHG emissions from the upstream oil and gas industry from 2015 levels by 2025. To achieve the 2025 goal, a reduction of 4.0 to 4.5 million tonnes (Mt) of carbon dioxide equivalent (CO<sub>2</sub>e) is required. OGEMR sets company level annual limits on GHG emissions that result from flaring and venting activities. Emissions limits are based on the amount of produced associated gas that could potentially be emitted to the atmosphere.

OGEMR applies to companies that have the potential to emit greater than 50,000 tonnes of CO<sub>2</sub>e on an annual basis. An individual company is recorded by the Ministry as a business associate. A company's potential emissions are those emissions that would occur if all the gas produced was vented to atmosphere. To reduce emissions below their limit, companies must combust, conserve or utilize produced gas for a beneficial purpose on site.

In 2019, companies subject to OGEMR were required to submit an Emissions Reduction Plan for approval by the Ministry, outlining how the companies would meet the decreasing annual emissions limits specified by OGEMR. Beginning in 2020, companies subject to OGEMR were required to meet company-level emissions limits.

## 2020 Outcomes

In 2020, a total of 37 oil and gas companies had potential emissions greater than 50,000 tonnes of CO<sub>2</sub>e and were therefore required to meet their 2020 company level emissions limit. All 37 companies submitted an Emissions Reduction Plan and received Ministry approval for the Plan which detailed their path to achieve emissions reduction targets out to 2025. Overall, in 2020 provincial emissions from venting and flaring at upstream oil facilities were 5.2 Mt CO<sub>2</sub>e, which is a 5.7 Mt reduction from 2015 levels and a 3.1 Mt reduction from 2019 levels. At this time, the results indicate that the necessary reductions will be made by 2025.

In Saskatchewan, the combined potential emissions (those that were possible) from gas produced in association with oil in 2020 were 39,982,145 tonnes CO<sub>2</sub>e (40 Mt). The actual combined emissions (those that did occur) from venting and flaring at upstream oil facilities in 2020 was 5,243,858 tonnes CO<sub>2</sub>e (5.2 Mt). The 37 companies that were subject to OGEMR represented 98 per cent of these actual emissions.

The company-level combined potential emissions, and combined actual emissions, for the 37 companies OGEMR applied to in 2020 can be seen on page 6 in *Table 1: 2020 Annual Emissions*.

**Table 1: 2020 Annual Emissions**

		<b>Combined Emissions (tonnes CO<sub>2</sub>e)</b>	<b>Combined Potential (tonnes CO<sub>2</sub>e)</b>
	Provincial Total	5,243,858	39,982,145
<b>Reporting BA</b>	<b>Reporting Business Associate</b>		
00636	ALDON OILS LTD.	20,208	72,733
35156	ASTRA OIL CORP.	70,292	515,670
72646	BAYTEX ENERGY LTD.	653,439	2,838,864
35424	BURGESS CREEK EXPLORATION	22,317	97,575
10605	CANADIAN NATURAL RESOURCES	426,588	1,740,132
34106	CARDINAL ENERGY LTD.	18,707	143,878
11609	CRESCENT POINT ENERGY CORP.	696,346	9,544,285
12663	CREW ENERGY INC.	63,005	137,403
02256	FEDERATED CO-OPERATIVES	19,286	206,544
13761	FIRE SKY ENERGY INC.	23,077	79,336
13947	GEAR ENERGY LTD.	44,140	183,926
35165	HIGHROCK RESOURCES LTD.	22,926	70,078
00086	HUSKY OIL OPERATIONS LIMITED	785,128	3,655,101
36461	IPC CANADA LTD.	21,567	287,524
02594	ISH ENERGY LTD.	18,511	620,886
11543	LONGHORN OIL & GAS LTD.	1,233	159,089
35495	LONGSHORE RESOURCES LTD.	29,194	96,487
00622	MIDALE PETROLEUMS LTD.	7,595	219,994
02610	NAL RESOURCES LIMITED	109,055	603,450
10946	NOVUS ENERGY INC.	120,297	436,020
36011	PRAIRIE THUNDER RESOURCES	24,570	67,959
14228	PROSPERA ENERGY INC.	26,286	137,247
35765	RIDGEBACK RESOURCES INC.	87,954	719,779
50192	RIFE RESOURCES LTD.	35,672	145,264
12199	SATURN OIL & GAS INC.	18,962	83,216
34818	SERAFINA ENERGY LTD.	1,572	219,932
37162	STRATHCONA RESOURCES LTD.	16,363	493,588
36075	SUPERB OPERATING COMPANY	42,179	246,306
34509	SURGE ENERGY INC.	60,669	257,098
13986	TAMARACK ACQUISITION CORP.	21,451	1,129,164
11121	TEINE ENERGY LTD.	642,623	3,353,169
13818	TORC OIL & GAS LTD.	246,314	1,818,834
32244	TUNDRA OIL & GAS LIMITED	19,387	781,057
35244	TURNSTONE ENERGY INC.	18,765	52,457
34381	VERMILION ENERGY INC.	262,304	3,272,320
35806	WEST LAKE ENERGY CORP.	43,064	169,611
12746	WHITECAP RESOURCES INC.	348,776	4,569,955

**Notes:**

- Companies not regulated by *The Oil and Gas Emissions Management Regulations* are not listed but are included in the provincial totals.
- Combined Emissions and Combined Potential Emissions are defined in *The Oil and Gas Emissions Management Regulations*.

**For More Information:**

The Ministry of Energy and Resources welcomes your comments and questions.

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This annual report is also available electronically at [www.Saskatchewan.ca](http://www.Saskatchewan.ca)