
Emissions Reduction Plans

Guideline PNG037

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Governing Legislation:

Act: *The Oil and Gas Conservation Act*

Regulation: *The Oil and Gas Emissions Management Regulations*

Record of Change

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1. Introduction

This Guideline sets out the requirements for the submission of an Emissions Reduction Plan (Plan) using the Integrated Resource Information System (IRIS) to help business associates (BAs) comply with Part 4 of *The Oil and Gas Emissions Management Regulations* (OGEMR). There are three scenarios where a BA may need to submit a Plan. This Guideline details the requirements of the Plan for each of the three scenarios. The Saskatchewan Ministry of Energy and Resources (ER) requires BAs to submit a Plan to demonstrate that they are aware of and have plans in place to comply with the requirements of OGEMR.

Questions on this Guideline can be directed to the ER Service Desk at 1-855-219-9373 or ER.servicedesk@gov.sk.ca.

2. Emissions Data

BA emissions data can be accessed in IRIS by running the Emissions Report. The report will output facility-level emissions data by year or month. This data can be used in conjunction with the Emissions Calculator provided for the purposes of a Plan.

Some notes about the Emissions Calculator:

- This calculator is available from the Oil and Gas Emissions Management Website;
- The inputs to this calculator are annual associated gas production, flare and vent volumes by production class;
- Input the previous year's production, flare and vent volumes on the 'Previous Years Data' tab;
- There are also tabs for each year out to 2025 to input forecasted data;
- The calculator will calculate total and potential emissions and will use the 2020-2025 intensity targets outlined in OGEMR to calculate combined emissions limits and excess emissions;
- Inputting volumetric data into the calculator is only for the purposes of the Plans. Final calculations for each emissions year will be applied to actual reported data for that year.

3. Emissions Reduction Plans

3.1 Initial Emissions Reduction Plan

In any given year, a BA's reported volumetric data will indicate if OGEMR applies for that calendar year. OGEMR is applicable to a BA if that BA has combined potential emissions greater than 50,000 tonnes of carbon dioxide equivalent (CO₂e) per year. Combined potential emissions is the sum of all potential total emissions (PTE) in all production classes. IRIS calculates emissions based on reported monthly volumetric data. When a BA reaches 50,000 tonnes of CO₂e per year an obligation will be created in IRIS to submit an Initial Emissions Reduction Plan (Initial Plan). ER may also manually set an obligation to submit an Initial Plan. Initial Plans must be submitted by September 1, 2019 or within 60 days if an obligation is received after July 1, 2019.

3.1.1 Required Information

Initial Plans should contain the following information:

Background

- A brief description of operational activity in the province by production class;
- Identify any associated persons in accordance with Section 5(1) of OGEMR.

Emissions Forecast

- Forecasted future years' (to 2025) annual associated gas production, flare and vent volumes;
- Forecasted volumetric data should be input into the provided Emissions Calculator. Data from the previous year can be applied to future years if no forecast is available;
- A summary of information used to forecast the above data. This may include drilling programs, planned emissions reduction projects or any other information.

Emissions Management

- Plans to ensure combined emissions limits are met up to 2025. These plans should be broken down by production class. Plans may be general and do not need to include facility-level details;
- Identify any major planned conservation projects and identify if there is an intention to apply for a Qualifying Conservation Project in accordance with Section 14(2) of OGEMR.

Emissions Reduction Information

- Identify limitations to reducing emissions. These limitations should be specific to an area of the province and include regulatory barriers;
- Identify areas that would benefit from being set up as a Conservation Planning Area through the Methane Action Plan.

3.2 Updated Emissions Reduction Plan

The purpose of submitting an Updated Emissions Reduction Plan (Updated Plan) is to identify any substantial changes to the Initial Plan. An Updated Plan can be submitted by a BA at any time but may also be requested by ER.

3.2.1 Required Information

Updated Plans should include any changes to the Initial Plan in addition to a summary of substantial changes to the emissions profile.

3.3 Detailed Emissions Reduction Plan

Final annual emissions calculations for the purpose of OGEMR will be done in March of the following year. If a BA has exceeded their combined emissions limit for the previous year, IRIS will set an obligation to submit a Detailed Emissions Reduction Plan (Detailed Plan). The purpose of a Detailed Plan is to ensure plans are in place to meet the following year's emissions

limit. ER will put facility-level obligations on identified facilities to ensure the Detailed Plan is met.

3.3.1 Required Information

Detailed Plans should include any changes to the Initial Plan in addition to the following:

- A description of why the previous years combined emissions limit was exceeded;
- Facility level plans to reduce annual emissions to meet the following years combined emissions limit. These plans should include specific actions, implementation dates, and a calculated reduction of annual emissions per facility;
- Forecasted data should be input into the provided Emissions Calculator to demonstrate that the identified facility plans will reduce annual emissions below the next year's emissions limit.

4. Submitting Emissions Reduction Plans

4.1 Submission

All types of Plans must be submitted through IRIS by completing an Emissions Reduction Plan Application. The IRIS obligation for a BA to submit a Plan will be fulfilled upon approval of the application. The following process should be used to submit an Emissions Reduction Plan Application:

- Combine required information, including Emissions Calculator sheets, into a single PDF;
- Documents should be named as follows:
 - COMPANY NAME – TYPE Emissions Reduction Plan.pdf
 - Example: Company ABC – Initial Emissions Reduction Plan.pdf
- Complete an Emissions Reduction Plan Application on IRIS;
 - Attach the above PDF;
 - For Initial Plans, select a document type of "Emissions Reduction Plan(Confidential)"
 - For Updated and Detailed Plans, select a document type of "Updated Emissions Reduction Plan(Confidential)"

4.2 Extensions

For information on how to apply for an extension, contact the ER Service Desk at 1-855-219-9373 or ER.servicedesk@gov.sk.ca.