



O. Reg. 88/22: Air Pollution – Discharge of Sulphur Dioxide from Petroleum Facilities

Liquid Fuel Use – January 22 to 30 and February 3 to 26, 2025

Nanticoke Refinery, Imperial Oil

March 19, 2025

Introduction

Pursuant to subsection 41(1) paragraph 4 of O. Reg 88/22, Imperial Oil is making available to the public information relating to liquid fuel use at the Nanticoke Refinery (see Tables 1 and 2).

Table 1: Information Relating to Liquid Fuel Use at the Nanticoke Refinery – Natural Gas Restriction

O. Reg 88/22 Requirement	Imperial Oil Information
Date(s) on which the liquid fuel was used in the combustion device(s)	January 22 to 23 and February 16 to 20, 2025
Written confirmation from the supplier of natural gas that the supply to the facility is restricted	Please refer to Attachment A
Measures that are available to prevent or reduce the risk of liquid fuel being used in the combustion device in similar circumstances in the future	When the supply of natural gas is restricted by the supplier, Imperial maximizes the use of all other alternate available fuels to prevent or minimize the use of liquid fuel during the restriction period. This includes the vaporization of available liquefied petroleum gas (LPG).

Table 2: Information Relating to Liquid Fuel Use at the Nanticoke Refinery - Emergency

O. Reg 88/22 Requirement	Imperial Oil Information
Date(s) on which the liquid fuel was used in the combustion device(s)	January 23 to 30, February 3 to 16 and February 20 to 26, 2025
Explanation of the emergency that resulted in the liquid fuel use	The Nanticoke Refinery Fluid Catalytic Cracker (FCC) required an unforeseen extended shutdown resulting in a fuel gas shortage at the Nanticoke Refinery and a need to use liquid fuel to allow for continued safe refinery operations.
Measures that are available to prevent or reduce the risk of liquid fuel being used in the combustion device in similar circumstances in the future	During fuel gas shortages at the Nanticoke Refinery, liquid fuel gas burning is required to continue to maintain safe operations. To prevent or minimize liquid fuel burning Imperial maximizes the use of other alternate available fuels. This includes the vaporization of available liquefied petroleum gas (LPG). Imperial Oil will continue to apply learnings where applicable, to prevent or reduce reoccurrence and the need to use liquid fuel.

Attachment A

Supplier Communication


Thu 1/16/2025 8:33 AM

Dennis Martin <Dennis.Martin@enbridge.com>

RE: NG Overrun Request for Nanticoke Refinery, January 14 - January 28

To Azinge, Theresa A; UGL Contracting Team; Controllers, Gas; Energy Services GC Sr Advisors

Cc Swaminathan, Chand; Price, Iva; Chiasson, Steven P; Deng, Sarah; Hirtle, Elizabeth; Patel, Juhj; Greg Smart; Lesley Reitsma; Sharon Quick

 You replied to this message on 1/16/2025 9:06 AM.

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Theresa

There has been a change in the forecast and we have updated the overrun availability as follows:

1. Jan 14th 10 am to Jan 19th 10 am overrun will be available
2. Jan 19th at 10 am through **Jan 23rd at 10 am overrun will be unavailable.**
3. **Jan 23rd** at 10am to **Jan 29th** at 10am overrun will be available

We will notify you immediately of any changes to availability of overrun should the forecast change or there are other operational constraints.

Thanks,

Dennis Martin

Specialist II Gas Control
Energy Services

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Integrity. Safety. Respect. Inclusion.


Mon 2/17/2025 9:18 AM

Dave Lawrence <Dave.Lawrence@enbridge.com>

Timing update - NG Overrun Request for Nanticoke Refinery, February 11 - February 25

To Dennis Martin; Azinge, Theresa A; UGL Contracting Team; Controllers, Gas; Energy Services GC Sr Advisors

Cc Swaminathan, Chand; Price, Iva; Chiasson, Steven P; Deng, Sarah; Hirtle, Elizabeth; Patel, Juhj; Greg Smart; Lesley Reitsma; Sharon Quick

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Theresa,

Due to prolonged colder weather, the following timeframe has been revised:

February 16th at 10:00 am EST through February 20th at 10:00 am EST, **overrun will be unavailable**

Thank you,

Dave Lawrence, P. Eng.

Specialist II, Gas Control
Energy Services

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