

Petroleum Refinery Greenhouse Gas Emission Requirements

Ecology is adopting a new rule, Chapter 173-485 WAC, Petroleum Refinery Greenhouse Gas Emission Requirements.

What is Chapter 173-485 WAC?

This rule establishes reasonably available control technology (RACT) to limit greenhouse gas (GHG) emissions from petroleum refineries in Washington State.

Summary of the rule adopted on May 28, 2014

Washington petroleum refineries must:

1. Meet GHG emission reduction requirements using one of two options:
 - Energy efficiency standard
 - A refinery may demonstrate reasonably available energy efficiency performance by scoring in the top 50th percentile of similar sized US refineries.
 - Implementing agencies will use the Solomon EII® scoring system for the refineries as the benchmark demonstration of an investment in energy efficiency measures at the facility.
 - Emission reduction requirement
 - A refinery that does not meet the energy efficiency standard must implement GHG emission reduction projects. These projects must achieve GHG emission reductions that cumulatively add up to 10% of the refinery's baseline-year GHG emissions. The refinery is allowed 10 years to complete these emission reduction projects, or
 - The refinery implements emission reduction and efficiency projects that allow it to meet the energy efficiency standard.
2. Submit annual reports on October 1st until compliance with either standard above is demonstrated.
3. Keep records supporting reports and compliance for five years after the last report is submitted.

MORE INFORMATION

On the web:

Petroleum Refinery Greenhouse Gas Emission Requirements Chapter 173-485 WAC

<http://www.ecy.wa.gov/laws-rules/WAC173485/1303.html>

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For special accommodations or documents in alternate format, call 360-407-6800. 711 (relay service), or 877-833-6341 (TTY).

Whom does this rule affect?

This rule affects:

- Five petroleum refineries located in Washington state.
- Northwest Clean Air Agency and Puget Sound Clean Air Agency, the local air agencies implementing the rule.

Response to comments

Ecology's response to comments received during the public comment period is now available. Download a copy at <http://www.ecy.wa.gov/laws-rules/WAC173485/1303.html>.

More information

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To get updates on Ecology's rule-making activities, sign-up for the WACTrack e-mail list at www.ecy.wa.gov/maillist.html.

Appeal procedures

This adoption can be appealed under procedures described in the Administrative Procedure Act (RCW 34.05.330). For more information about appealing this rule adoption, please contact Bari Schreiner, Agency Rules Coordinator, at (360) 407-6998 or bari.schreiner@ecy.wa.gov.

