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# Compliance Reporting Information Session

## Renewable Fuels Standard (RFS) Regulation

Climate Regulation and Carbon Markets  
Environment and Protected Areas (EPA)  
December 4, 2025



# Agenda



Introductions (5 mins)



Review of 2024 RFS Compliance Reporting (15 mins)



Learnings & Issues under consideration (10 mins)



2025 Compliance Reporting



Q&A Period (10 mins)

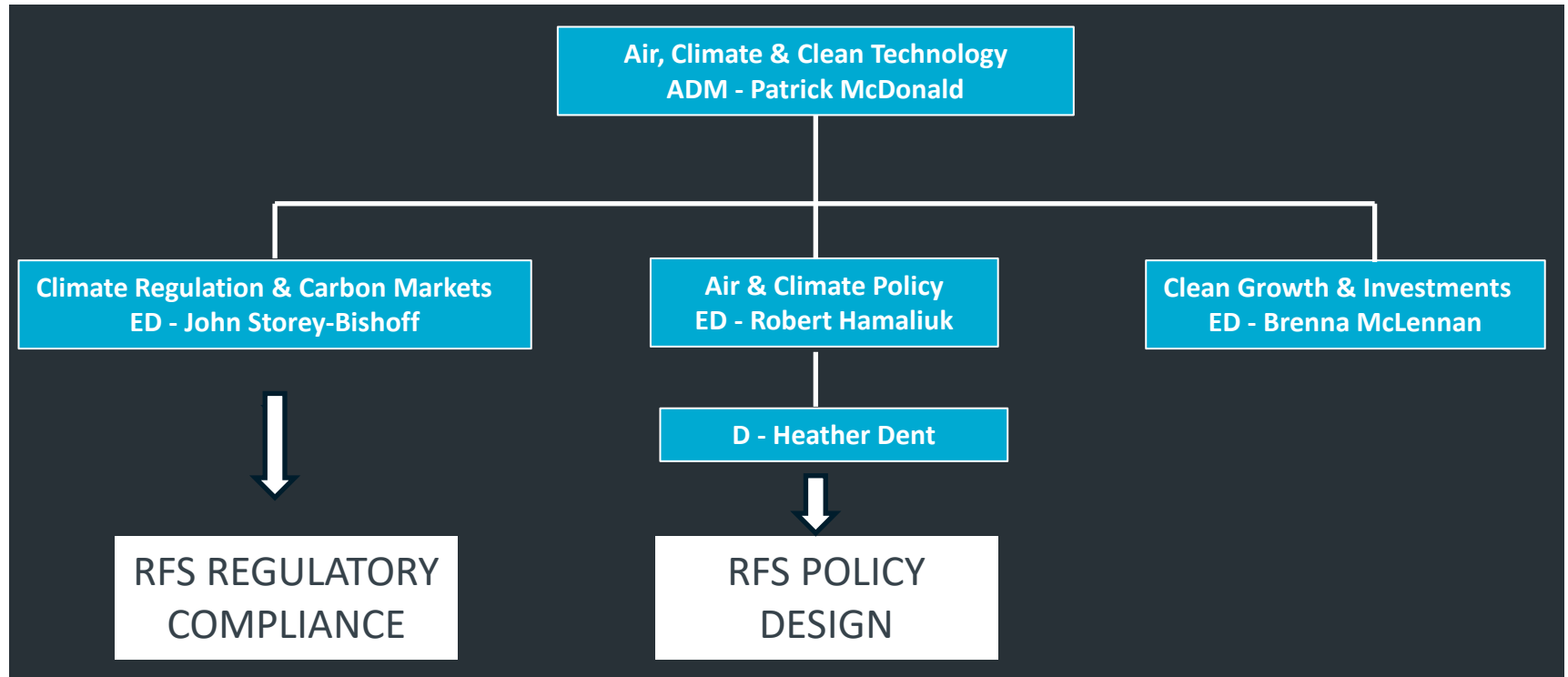


Closing Comments (5 mins)

# INTRODUCTIONS

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# EPA Air, Climate & Clean Technology Division



# RFS Administration Staff

## RFS Director



John Storey-Bishoff

Executive Director, Climate Regulation and Carbon Markets, EPA

# RFS Administration Staff

## RFS Compliance Lead



Prashant Reddy

Clean Fuels Policy Advisor, Air and Climate Policy, EPA

# RFS Web Page - Main

<https://www.alberta.ca/renewable-fuels-standard.aspx>

## Renewable Fuels Standard

Alberta's Renewable Fuels Standard (RFS) requires commercial fuel producers and importers to blend renewable products into their fuels.

> [Greenhouse Gas Validators](#)

> [Renewable fuels](#)

> [Renewable Fuels Standard resources](#)

> [Renewable fuel providers](#)

# RFS Web Page - Resources

<https://www.alberta.ca/renewable-fuels-standard-resources.aspx>

## Renewable Fuels Standard resources

Information for industry on meeting Alberta's Renewable Fuels Standard (RFS) Regulation requirements.

On this page:

[Regulation](#)

[Subscribe to mailing list](#)

[RFS requirements](#)

[Contact](#)

[Forms and reporting](#)

# RFS Web Page - Resources

## Forms and reporting

### Validation

- [Alberta GHGenius - Index to Sheets in the Spreadsheet](#) ↓ (XLSM, 8 MB)  
The Alberta GHGenius Model is the most current version of the spreadsheet-based modelling tool referred to in the Renewable Fuels Greenhouse Gas Emissions Eligibility Standard. It is used by renewable fuel industry stakeholders to calculate GHG emissions for the life cycles of fuels.
- [Renewable Alcohol and Bio-Based Diesel Validation Certificate](#) ↓ (XLSX, 69 KB)  
To be completed annually by a qualified validator to confirm eligible renewable alcohol or bio-based diesel has been produced according to the Lookup Table for Established Pathways in Appendix 1 of the emissions standard.

### Annual compliance reporting

- [Consolidated Fuel Supplier, Renewable Fuel Provider and Approved Contributor Compliance Report](#) ↓ (XLSM, 126 KB)  
According to the RFS Regulation, all parties defined as 'Fuel Suppliers', 'Renewable Fuel Providers' or 'Approved Contributors' must submit annual compliance reports according to sections 10, 11 and 12 of the regulation.

### Subscribe to mailing list

This automatic email system distributes information pertaining to the RFS to subscribers. All fields are required unless otherwise indicated.

Email

Use the dropdown to **Subscribe** or **Unsubscribe** from the RFS mailing list

I'm not a robot 

Can Subscribe or Unsubscribe

# Important Dates

Item	Date
Validation Certificate Approval Requests	Prior to end date of certificate request
Approved Contributor Approval Requests	All year round
Modified/New Pathway Requests	All year round
Annual Compliance Report Submission	March 31, 2026 (Tuesday)

# REVIEW OF 2024 RFS COMPLIANCE REPORTING

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# Overview of 2024 Compliance Reporting

Compliance Report	Reports Received	Follow Ups
Renewable Fuel Providers	23	10
Fuel Suppliers	8	8

# Follow Ups

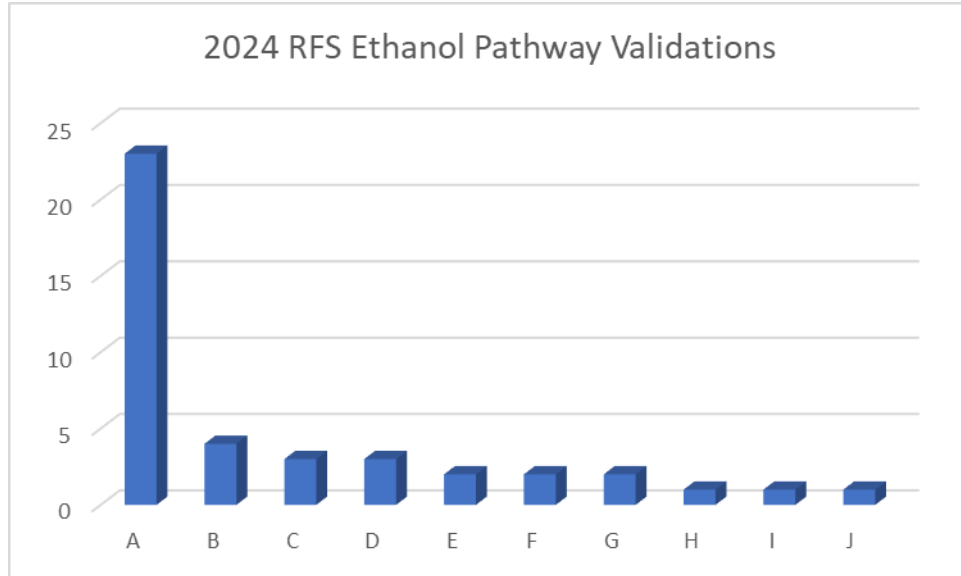
Issue	Number of Occurrences
Missing Declarations	2
Invalid Declarations	9
Missing Validation Certificates	4
Missing notional transfer supporting documents	1
Notional Transfer Discrepancies	4
Incorrect or Missing Information	9
Unsubmitted report	0
Alteration of Declaration	7
Alteration of Spreadsheet	1

# RFS FUEL VOLUMES (2011-2024)

Fuel	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Gasoline (million litres)	4,298	5,901	6,014	6,198	6,278	6,162	6,144	6,237	6,341	5,571	5,688	5,617	5,848	5,815	
Ethanol (million litres)	285	416	417	416	408	368	369	367	360	320	356	574	615	630	
Diesel (million litres)	4,812	6,702	7,250	7,573	6,367	5,723	6,541	6,354	6,244	5,761	6,241	6,745	6,717	6,424	
Bio-based diesel (million litres)	FAME	106*	143*	161*	177*	151*	126*	134	117	117	112	127	158	143	125
	HDRD							14.8	23.8	17.2	9.2	2.6	7.3	69	71

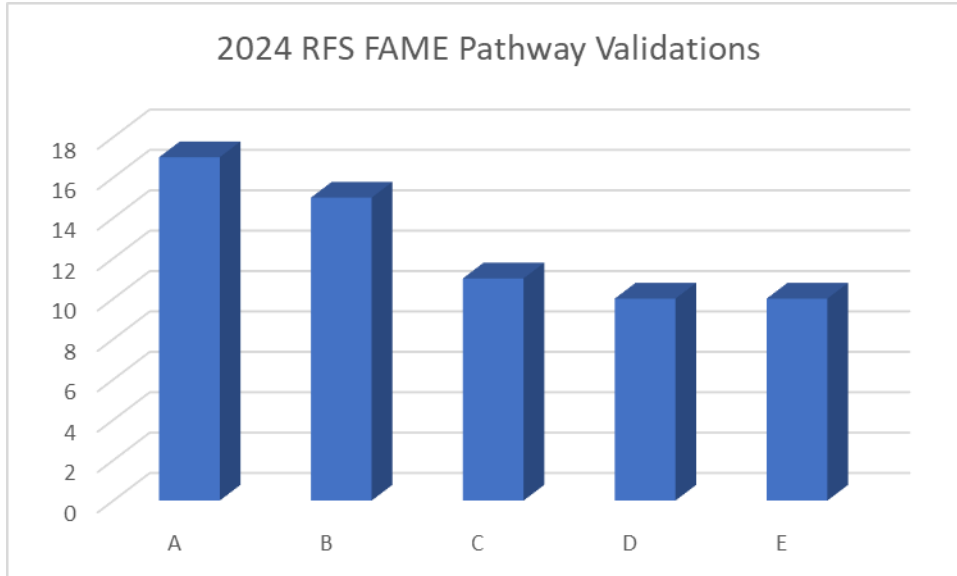
\*This is the combined amount of fatty acid methyl ester biofuel (FAME) and hydrogenation-derived renewable diesel (HDRD)

# RFS ALCOHOL PATHWAY VALIDATIONS



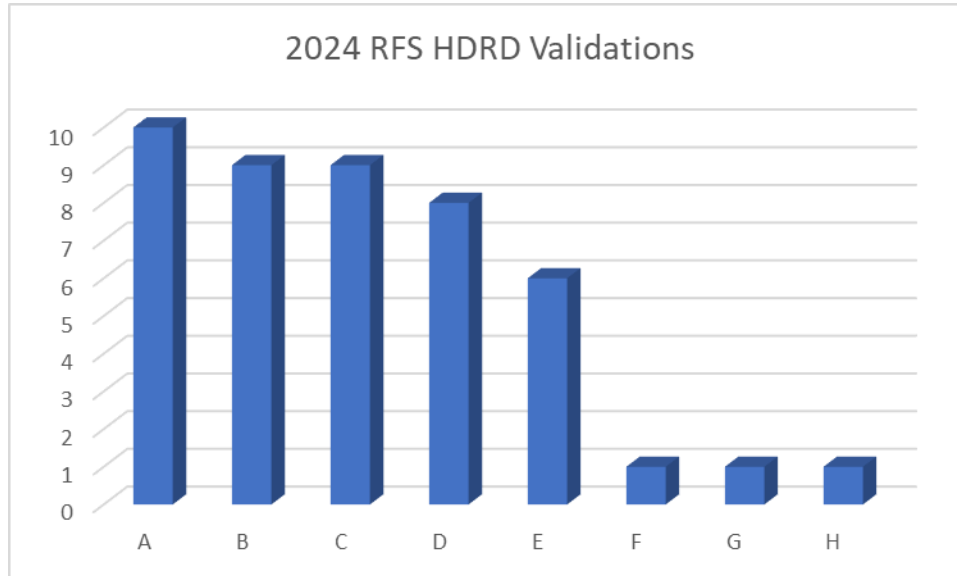
<b>A</b>	AECN-USXX-XX-202-03-00	US Corn
<b>B</b>	AEWH-CAWC-XX-205-06-00	CDN Wheat
<b>C</b>	AECN-CAWC-XX-203-05-02	CDN Corn
<b>D</b>	AECN-CAWC-XX-204-05-01	CDN Corn
<b>E</b>	AECN-USXX-XX-101-00-00	US Corn
<b>F</b>	AECN-USXX-XX-202-03-01	US Corn
<b>G</b>	AECN-USXX-XX-100-00-00	US Corn
<b>H</b>	AECN-CAWC-IC-201-05-01	US Corn
<b>I</b>	AECN-CAWC-IC-206-10-00	US Corn
<b>J</b>	AECN-CAWC-IC-210-05-02	US Corn

# RFS FAME PATHWAY VALIDATIONS



A	DBSY-XXXX-XX-000-00-00	Soy
B	DBCA-XXXX-XX-000-00-00	Canola
C	DBYG-XXXX-XX-000-00-00	Yellow Grease
D	DBTA-XXXX-XX-000-00-00	Tallow
E	DBCG-XXXX-XX-000-00-00	Corn Oil

# RFS HDRD PATHWAY VALIDATIONS



<b>A</b>	DHSY-XXXX-XX-000-00-00	Soy
<b>B</b>	DHTA-XXXX-XX-000-00-00	Tallow
<b>C</b>	DHCA-XXXX-XX-000-00-00	Canola
<b>D</b>	DHCG-XXXX-XX-000-00-00	Corn oil
<b>E</b>	DHYG-XXXX-XX-000-00-00	Yellow Grease
<b>F</b>	DHCM-XXXX-XX-000-00-00	Camelina
<b>G</b>	DHDB-XXXX-XX-000-00-00	Distillation bottoms
<b>H</b>	DHFA-XXXX-XX-000-00-00	Fatty acid distillates

# RENEWABLE FUELS BY FEEDSTOCK

Fuel Type	Feedstock/s	2023	2024
Ethanol (million litres)	Corn	545	544
Ethanol (million litres)	Corn, Wheat	63	86
Ethanol (million litres)	Wheat	8.5	2.0
Biodiesel (million litres)	Soy	6.9	13
Biodiesel (million litres)	Canola, Soy	16	3.9
Biodiesel (million litres)	Canola, Corn Oil, Soy, Tallow, Yellow Grease	120	108
HDRD (million litres)	Soy, Tallow	43	-
HDRD (million litres)	Canola, Soy, Tallow	-	6.0
HDRD (million litres)	Canola, Corn Oil, Soy, Tallow, Yellow Grease	22	55
HDRD (million litres)	Camelina, Canola, Corn Oil, Soy, Tallow, Yellow Grease	5.0	5.6
HDRD (million litres)	Biodiesel Plant Distillation Bottoms, Canola, Corn Oil, Soy, Tallow, Yellow Grease	-	4.1

† Based on approximate volumes

‡ Percentages may not add up to 100 due to rounding

# LEARNINGS & ISSUES UNDER CONSIDERATION

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# DECLARATIONS – RFP, FS & AC

- Declarations are required from the RFP identified in the validation certificate:

**CONSOLIDATED RENEWABLE ALCOHOL AND BIO-BASED DIESEL**  
**VALIDATION CERTIFICATE FORM v23.0** *Alberta*  
Government

**Section 1 - Date and Fuel Type**

Submission date (Month dd, yyyy)      Renewable Fuel type

**Section 2 - Identification of Renewable Fuel Provider and Publication Permission**

Indicate Identity of Renewable Fuel Provider

Biofuel Producer       Biofuel Importer

Publication of Renewable Fuel Provider Information on Alberta Environment and Protected Areas Website

Yes       No

- RFP can be either producer or importer of fuel according to RFS Regulation
  - If importer, then this entity assumes all responsibility

# DECLARATIONS – RFP, FS & AC

**Section 8 - Validation Certificate Confirmation**

**A- Renewable Fuel Provider representative confirmation**

I, \_\_\_\_\_, the Renewable Fuel Provider representative, hereby declare that the information provided to the Validator, and reflected above is accurate and complete to the best of my knowledge.

's signature

Date (Month dd, yyyy)

**B- Greenhouse Gas Validator's confirmation**

I, \_\_\_\_\_, the undersigned, hereby declare that I have complied with Section 15 of the Renewable Fuels Standard Regulation.

Also to the best of my knowledge that the above-mentioned fuel production facility produces fuel in a manner consistent with the above validation codes. I furthermore declare that I am free of conflict of interest related in any way to validating the fuel production facility

's signature

Date (Month dd, yyyy)

# DECLARATIONS – RFP, FS & AC

- Example of Format:

**Date**

I, **Mr/Mrs/Ms PQR**, as a representative of the renewable fuel provider **XYZ Biofuels**, hereby declare that the renewable fuels supplied in the **2025** RFS compliance year were produced in a manner that is consistent with the processes and feedstocks that are set out in the validations with reference numbers **XXXYYY123, ZXXXTY456 and WWWZCX789**

# DECLARATIONS – RFP, FS & AC

- RFP to send directly by email to our office on or before March 31 of year following compliance year but must be after all shipments of fuel sent
- AC/FS to provide copy of RFP declaration as part of compliance reporting on or before March 31 of year following compliance year

# NOTIONAL TRANSFERS – FS & AC

- Legal transaction under the RFS involving 2 parties
- All the details (dates, validation reference numbers, volumes, etc.) need to match exactly in the compliance reports submitted by the 2 parties
- There may be multiple notional transfers for the same fuel on different dates. These cannot be aggregated!

# NOTIONAL TRANSFERS – FS & AC

- We strongly encourage all parties to confirm exact agreement for notional transfer details prior to submission to our office

# AGGREGATED DATA – RFP, FS & AC

- We strongly recommend information related to shipments of renewable fuels of the same fuel type (e.g. E95) be aggregated for a given entity

**Section 4- Greenhouse Gas Emission Threshold Compliance**

Instructions: 1. For renewable fuel, including renewable fuel contained in renewable-blended fuel that the Fuel Supplier received and placed in the Alberta market in the compliance period, please complete the following (insert a separate row for each shipment received).  
 2. For any "other blend" options chosen as the fuel type in the "Type of renewable fuel" column, please specify the percentage of renewable fuel in the blend in the "Blend proportion" column.  
 3. In the "Renewable Fuel Provider Declaration" column please indicate whether transaction records or other documentation from the renewable fuel provider (to confirm that the renewable fuel was produced in a manner that is consistent with the processes and feedstocks set out in the validation referred to in the "Validation reference number" column) have been submitted with the report. Please compile and label the supporting documentation in numbered bundles corresponding to the row number for each shipment.

Insert Row	Shipment number (provide purchase order number or invoice number, etc.)	Legal name of the renewable fuel provider who provided the renewable fuel or renewable-blended fuel	Address of renewable fuel provider	Volume of renewable fuel received (litres)	Type of renewable fuel (qualifying renewable alcohol or qualifying bio-based diesel)	Date shipment was received (mmm dd, yyyy)	Validation reference number	Renewable Fuel Provider Declaration. Supporting documentation submitted?	Blend proportion (if applicable)	Description of Transaction
1	See Attached document "Shipment Details"	XYZ Biofuels	123 Biofuels Avenue	10,000,000	100% renewable alcohol	Jan. 01, 2023 - Dec. 31, 2023	A-US-5-10-10-22	yes		

# RFS POLICY UPDATES

- **RFS REVIEW TIMELINE**

- Next review of the RFS is required on or before January 1, 2027
- Timeline is yet to be determined

- **RFS LIFE CYCLE ANALYSIS TOOL**

- The current tool is the Alberta GHGenius 4.03a model
- There are no immediate plans to change the model or version used

- **CLEAN FUEL REGULATIONS (CFR)**

- CFR is a federal regulation
- Please contact Environment and Climate Change Canada ([cfsncp@ec.gc.ca](mailto:cfsncp@ec.gc.ca)) for CFR information

# 2025 Compliance Reporting

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# 2025 Reporting Form

- Our office has made slight changes to the compliance reporting form for 2025
  - Slightly reduces the amount of information required to be provided to our office
  - If the old (2024) form is used, our office will accept it for the 2025 report only
- The 2025 form can be downloaded from:  
<https://www.alberta.ca/system/files/epa-renewable-fuels-standard-regulation-consolidated-compliance-report-form.xlsm>

# Communication with Our Office

- Please direct all email enquiries to [FUEL.GHG@gov.ab.ca](mailto:FUEL.GHG@gov.ab.ca)
  - Our turn-around time to provide a response is 5 - 10 working days
- Please subscribe to our email distribution list to receive email notifications related to the RFS (as shown in slide # 9)

# Questions?

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