	Ministry of Energy and Climate Solutions	Low Carbon Fuels Act
BRITISH		Approved Carbon Intensities – Archive
COLUMBIA	Issued: July 2013	
	Revised: February 21, 2025	Information Bulletin RLCF-012a

This table contains carbon intensities for fuels that have been approved by the director under section 20 (1) of the *Low Carbon Fuels Act.* 

Fuel producers who wish to have a fuel carbon intensity approved for posting and use in British Columbia must apply to the director. For information regarding the process for applying see our <u>Low Carbon Fuel webpage</u>.

Fuel codes with a 'C-' prefix are fuels produced in Canada.

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF101.0	HDRD	Neste Oil Singapore	8.61	Mar. 28, 2013	Dec. 31, 2013
BCLCF101.1	HDRD	Neste Oil Singapore	18.16	Jan. 1, 2014	Sept. 6, 2016
BCLCF101.2	HDRD	Neste Oil Singapore	17.10	Sept. 7, 2016	Dec. 31, 2017
BCLCF101.3	HDRD	Neste Oil Singapore	17.92	Jan. 1, 2018	Nov. 8, 2020
BCLCF101.4	HDRD	Neste Oil Singapore	17.75	Nov. 9, 2020	Nov. 8, 2023
BCLCF102.0	HDRD	Neste Oil Singapore	34.81	Mar. 28, 2013	Dec. 31, 2013
BCLCF102.1	HDRD	Neste Oil Singapore	35.89	Jan. 1, 2014	Sept. 6, 2016
BCLCF102.2	HDRD	Neste Oil Singapore	27.04	Sept. 7, 2016	Dec. 31, 2017
BCLCF102.3	HDRD	Neste Oil Singapore	26.49	Jan. 1, 2018	Nov. 8, 2020
BCLCF102.4	HDRD	Neste Oil Singapore	29.65	Nov. 9, 2020	Nov. 8, 2023
BCLCF102.5	HDRD	Neste Oil Singapore	37.21	May 3, 2024	May 2, 2027
BCLCF103.0	HDRD	Neste Oil Singapore	37.90	Mar. 28, 2013	Dec. 31, 2013
BCLCF103.1	HDRD	Neste Oil Singapore	36.50	Jan. 1, 2014	Sept. 6, 2016
BCLCF103.2	HDRD	Neste Oil Singapore	34.85	Sept. 7, 2016	Dec. 31, 2017

1 of 80 Approved Carbon Intensities - Archive



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF103.3	HDRD	Neste Oil Singapore	35.45	Jan. 1, 2018	Nov. 8, 2020
BCLCF103.4	HDRD	Neste Oil Singapore	38.49	Nov. 9, 2020	Nov. 8, 2023
BCLCF103.5	HDRD	Neste Oil Singapore	34.08	May 3, 2024	May 2, 2027
BCLCF104.0	HDRD	Neste Oil Singapore	48.78	Mar. 28, 2013	Dec. 31, 2013
BCLCF104.1	HDRD	Neste Oil Singapore	54.74	Jan. 1, 2014	Dec. 31, 2014
BCLCF104.2	HDRD	Neste Oil Singapore	94.58	Jan. 1, 2015	Dec. 31, 2017
BCLCF104.3	HDRD	Neste Oil Singapore	93.28	Jan. 1, 2018	Dec. 31, 2020
BCLCF105.0	HDRD	Neste Oil Singapore	31.77	Mar. 28, 2013	Dec. 31, 2013
BCLCF106.0	HDRD	Neste Renewable Fuels (Finland)	52.73	Mar. 28, 2013	Dec. 31, 2013
BCLCF107.0	HDRD	Neste Renewable Fuels (Finland)	35.72	Mar. 28, 2013	Dec. 31, 2013
BCLCF108.0	HDRD	Neste Renewable Fuels (Finland)	63.66	Mar. 28, 2013	Dec. 31, 2013
BCLCF109.0	HDRD	Neste Renewable Fuels (Finland)	3.64	Mar. 28, 2013	Dec. 31, 2013
BCLCF109.1	HDRD	Neste Renewable Fuels (Finland)	36.70	Jan. 1, 2014	Dec. 31, 2016
C-BCLCF110.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	-4.23	Mar. 28, 2013	May 31, 2014
C-BCLCF110.1	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	-2.77	June 1, 2014	Jan. 18, 2017
C-BCLCF110.2	Ethanol	Future Fuel Ltd.	-2.77	Jan. 19, 2017	May 5, 2017
C-BCLCF111.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	-0.09	May 10, 2013	May 31, 2014
C-BCLCF111.1	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	1.99	June 1, 2014	Jan. 18, 2017



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF111.2	Ethanol	Future Fuel Ltd.	1.99	Jan. 19, 2017	May 5, 2017
C-BCLCF112.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	0.93	May 10, 2013	May 31, 2014
C-BCLCF113.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	4.86	May 10, 2013	May 31, 2014
C-BCLCF114.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	20.50	May 10, 2013	May 31, 2014
C-BCLCF114.1	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	20.51	June 1, 2014	May 31, 2015
C-BCLCF115.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	24.44	May 10, 2013	May 31, 2014
C-BCLCF115.1	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	25.26	June 1, 2014	May 31, 2015
C-BCLCF116.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	21.50	May 10, 2013	May 31, 2014
C-BCLCF117.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	25.43	May 10, 2013	May 31, 2014
C-BCLCF118.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	-0.81	May 10, 2013	May 31, 2014
C-BCLCF119.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	3.13	May 10, 2013	May 31, 2014
BCLCF120.0	Ethanol	Bushmills Ethanol Inc.	53.40	June 14, 2013	June 13, 2016
BCLCF121.0	Ethanol	Blue Flint Ethanol LLC	42.75	June 14, 2013	June 13, 2016



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF121.1	Ethanol	Blue Flint Ethanol LLC	39.03	June 14, 2016	Apr. 17, 2019
BCLCF121.2	Ethanol	Blue Flint Ethanol LLC	37.69	Apr. 18, 2019	Apr. 12, 2022
BCLCF121.3	Ethanol	Blue Flint Ethanol LLC	37.54	Apr. 13, 2022	Aug. 8, 2024
BCLCF121.4	Ethanol	Blue Flint Ethanol LLC	28.38	Aug. 9, 2024	Aug. 8, 2027
BCLCF122.0	Biodiesel	Ag Processing Inc.	32.04	June 14, 2013	Mar. 21, 2016
BCLCF122.1	Biodiesel	Ag Processing Inc.	7.91	Mar. 22, 2016	Mar. 21, 2019
BCLCF122.2	Biodiesel	Ag Processing Inc.	5.95	Mar. 22, 2019	Mar. 14, 2022
BCLCF122.3	Biodiesel	Ag Processing Inc.	6.12	Mar. 15, 2022	Dec. 31, 2023
BCLCF122.4	Biodiesel	Ag Processing Inc.	2.25	Feb. 12, 2024	Feb. 11, 2027
BCLCF123.0	Biodiesel	Ag Processing Inc.	15.38	June 14, 2013	Mar. 21, 2016
BCLCF123.1	Biodiesel	Ag Processing Inc.	2.07	Mar. 22, 2016	Mar. 21, 2019
BCLCF123.2	Biodiesel	Ag Processing Inc.	3.75	Mar. 22, 2019	Mar. 14, 2022
BCLCF123.3	Biodiesel	Ag Processing Inc.	6.27	Mar. 15, 2022	Dec. 31, 2023
BCLCF123.4	Biodiesel	Ag Processing Inc.	2.52	Feb. 28, 2024	Feb. 27, 2027
BCLCF124.0	Biodiesel	Ag Processing Inc.	15.79	June 14, 2013	Mar. 21, 2016
BCLCF124.1	Biodiesel	Ag Processing Inc.	1.96	Mar. 22, 2016	Mar. 21, 2019
BCLCF124.2	Biodiesel	Ag Processing Inc.	0.84	Mar. 22, 2019	Mar. 14, 2022
BCLCF124.3	Biodiesel	Ag Processing Inc.	5.04	Mar. 15, 2022	Dec. 31, 2023
BCLCF124.4	Biodiesel	Ag Processing Inc.	3.62	Mar. 20, 2024	Mar. 19, 2027
BCLCF125.0	Biodiesel	Archer Daniels Midland Company	26.72	July 1, 2013	May 19, 2016
BCLCF125.1	Biodiesel	Archer Daniels Midland Company	9.61	May 20, 2016	May 15, 2019



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF125.2	Biodiesel	Archer Daniels Midland Company	4.09	May 16, 2019	May 1, 2022
BCLCF125.3	Biodiesel	Archer Daniels Midland Company	0.78	May 2, 2022	Dec. 31, 2023
BCLCF125.4	Biodiesel	Archer Daniels Midland Company	-2.14	Jan. 1, 2024	Dec. 31, 2026
BCLCF126.0	Biodiesel	Archer Daniels Midland Company	37.81	July 1, 2013	May 19, 2016
BCLCF126.1	Biodiesel	Archer Daniels Midland Company	14.56	May 20, 2016	May 15, 2019
BCLCF126.2	Biodiesel	Archer Daniels Midland Company	8.93	May 16, 2019	May 1, 2022
BCLCF126.3	Biodiesel	Archer Daniels Midland Company	6.10	May 2, 2022	Dec. 31, 2023
BCLCF126.4	Biodiesel	Archer Daniels Midland Company	2.82	Jan. 1, 2024	Dec. 31, 2026
BCLCF127.0	Biodiesel	Archer Daniels Midland Company	38.14	July 1, 2013	May 19, 2016
BCLCF127.1	Biodiesel	Archer Daniels Midland Company	20.04	May 20, 2016	May 15, 2019
BCLCF127.2	Biodiesel	Archer Daniels Midland Company	13.59	May 16, 2019	May 1, 2022
BCLCF127.3	Biodiesel	Archer Daniels Midland Company	11.15	May 2, 2022	Dec. 31, 2023
BCLCF127.4	Biodiesel	Archer Daniels Midland Company	10.50	Jan. 1, 2024	Dec. 31, 2026
BCLCF128.0	Biodiesel	Deerfield Energy LLC (formerly Archer Daniels Midland Company)	37.68	July 1, 2013	June 20, 2016
BCLCF128.1	Biodiesel	Deerfield Energy LLC	13.83	June 21, 2016	May 15, 2019
BCLCF128.2	Biodiesel	Archer Daniels Midland Company (formerly Deerfield Energy LLC)	11.80	May 16, 2019	May 15, 2022
BCLCF129.0	Biodiesel	Mid-America Biofuels LLC (formerly Archer Daniels Midland Company)	35.68	July 1, 2013	June 20, 2016



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF129.1	Biodiesel	Mid-America Biofuels LLC	13.24	June 21, 2016	May 28, 2019
BCLCF129.2	Biodiesel	Mid-America Biofuels LLC	11.41	May 29, 2019	May 28, 2022
BCLCF130.0	Ethanol	Plymouth Energy LLC	59.38	July 16, 2013	July 15, 2016
BCLCF131.0	Ethanol	Glacial Lakes Energy LLC	53.51	Aug. 13, 2013	July 28, 2016
BCLCF131.1	Ethanol	Glacial Lakes Energy LLC	54.78	July 29, 2016	July 25, 2019
BCLCF131.2	Ethanol	Glacial Lakes Energy LLC	52.78	July 26, 2019	July 25, 2022
BCLCF131.3	Ethanol	Glacial Lakes Energy LLC	46.75	Jan. 26, 2023	Jan. 25, 2024
BCLCF132.0	HDRD	Diamond Green Diesel LLC	26.28	Aug. 7, 2013	Sept. 30, 2014
BCLCF132.1	HDRD	Diamond Green Diesel LLC	23.47	Oct. 1, 2014	Aug. 13, 2017
BCLCF132.2	HDRD	Diamond Green Diesel LLC	17.03	Aug. 14, 2017	May 12, 2020
BCLCF132.3	HDRD	Diamond Green Diesel LLC	21.76	May 13, 2020	Dec 28, 2022
BCLCF132.4	HDRD	Diamond Green Diesel LLC	24.72	Dec 29, 2022	June 29, 2024
BCLCF132.5	HDRD	Diamond Green Diesel LLC	24.44	June 30, 2024	June 30, 2027
BCLCF133.0	HDRD	Diamond Green Diesel LLC	11.18	Aug. 7, 2013	Sept. 30, 2014
BCLCF133.1	HDRD	Diamond Green Diesel LLC	13.70	Oct. 1, 2014	Aug. 13, 2017
BCLCF133.2	HDRD	Diamond Green Diesel LLC	9.13	Aug. 14, 2017	May 12, 2020
BCLCF133.3	HDRD	Diamond Green Diesel LLC	14.42	May 13, 2020	Dec 28, 2022
BCLCF133.4	HDRD	Diamond Green Diesel LLC	17.65	Dec 29, 2022	June 29, 2024
BCLCF133.5	HDRD	Diamond Green Diesel LLC	16.54	June 30, 2024	June 30, 2027
BCLCF134.0	HDRD	Diamond Green Diesel LLC	21.51	Aug. 7, 2013	Sept. 30, 2014
BCLCF134.1	HDRD	Diamond Green Diesel LLC	24.28	Oct. 1, 2014	Aug. 13, 2017



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF134.2	HDRD	Diamond Green Diesel LLC	19.48	Aug. 14, 2017	May 12, 2020
BCLCF134.3	HDRD	Diamond Green Diesel LLC	25.45	May 13, 2020	Dec 28, 2022
BCLCF134.4	HDRD	Diamond Green Diesel LLC	28.63	Dec 29, 2022	June 29, 2024
BCLCF134.5	HDRD	Diamond Green Diesel LLC	24.44	June 30, 2024	June 30, 2027
BCLCF135.0	Biodiesel	REG Grays Harbor LLC (formerly Imperium Grays Harbor LLC)	28.35	July 25, 2013	Mar. 12, 2014
BCLCF135.1	Biodiesel	REG Grays Harbor LLC (formerly Imperium Grays Harbor LLC)	12.35	Mar. 13, 2014	Aug. 19, 2015
BCLCF135.2	Biodiesel	REG Grays Harbor LLC	12.35	Aug. 20, 2015	Mar. 12, 2017
BCLCF135.3	Biodiesel	REG Grays Harbor LLC	3.58	Mar. 13, 2017	Jan. 14, 2020
BCLCF135.4	Biodiesel	REG Grays Harbor LLC	1.64	Jan. 15, 2020	Dec 30, 2022
BCLCF135.5	Biodiesel	REG Grays Harbor LLC	2.12	Dec 31, 2022	June 30, 2024
BCLCF135.6	Biodiesel	REG Grays Harbor LLC	5.46	July 1, 2024	June 30, 2027
C-BCLCF136.0	Ethanol	Permolex Ltd.	32.88	Sept. 3, 2013	Sept. 2, 2016
C-BCLCF137.0	Ethanol	Terra Grain Fuels Inc.	57.17	June 26, 2013	June 30, 2014
C-BCLCF138.0	Biodiesel	ADM Agri-Industries Company (formerly Archer Daniels Midland Company)	20.25	Sept. 25, 2013	Feb. 28, 2015
C-BCLCF138.1	Biodiesel	ADM Agri-Industries Company (formerly Archer Daniels Midland Company)	6.93	Mar. 1, 2015	Feb. 11, 2018



#### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF138.2	Biodiesel	ADM Agri-Industries Company	7.97	Feb. 12, 2018	May 29, 2019
C-BCLCF138.3	Biodiesel	ADM Agri-Industries Company	7.40	May 30, 2019	Apr. 30, 2022
C-BCLCF138.4	Biodiesel	ADM Agri-Industries Company	5.15	May 1, 2022	Dec. 31, 2023
C-BCLCF138.5	Biodiesel	ADM Agri-Industries Company	4.26	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF139.0	Biodiesel	Milligan Biofuels	21.92	Sept. 30, 2013	Sept. 29, 2016
BCLCF140.0	Ethanol	DENCO II, LLC	62.50	Sept. 27, 2013	Mar. 17, 2016
BCLCF140.1	Ethanol	DENCO II, LLC	54.17	Mar. 18, 2016	Jan. 29, 2017
BCLCF140.2	Ethanol	DENCO II, LLC	52.50	Jan. 30, 2017	Dec. 9, 2019
BCLCF140.3	Ethanol	DENCO II, LLC	51.71	Dec. 10, 2019	Dec. 9, 2022
BCLCF141.0	Ethanol	Heartland Corn Products	53.34	Oct. 8, 2013	Oct. 7, 2016
BCLCF141.1	Ethanol	Heartland Corn Products	50.08	Oct. 14, 2016	Oct. 13, 2019
BCLCF142.0	Ethanol	Green Plains Superior LLC	52.82	Oct. 23, 2013	Oct. 22, 2016
BCLCF143.0	Ethanol	Green Plains Otter Tail LLC	58.58	Oct. 23, 2013	June 8, 2016
BCLCF143.1	Ethanol	Green Plains Otter Tail LLC	59.85	June 9, 2016	June 5, 2019
BCLCF143.2	Ethanol	Green Plains Otter Tail LLC	58.05	June 6, 2019	Mar. 16, 2022
BCLCF143.3	Ethanol	Green Plains Otter Tail LLC	50.06	Mar. 17, 2022	Dec. 31, 2023
BCLCF143.4	Ethanol	Green Plains Otter Tail LLC	44.06	Jan. 1, 2024	Dec. 31, 2026
BCLCF144.0	HDRD	Neste Renewable Fuels (Finland)	52.45	Oct. 30, 2013	Oct. 29, 2016
BCLCF145.0	HDRD	Neste Renewable Fuels (Finland)	34.20	Oct. 30, 2013	Oct. 29, 2016
BCLCF146.0	HDRD	Neste Oil Singapore	18.22	Nov. 12, 2013	Sept. 6, 2016
BCLCF146.1	HDRD	Neste Oil Singapore	18.57	Sept. 7, 2016	Dec. 31, 2017



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF146.2	HDRD	Neste Oil Singapore	19.36	Jan. 1, 2018	Nov. 8, 2020
BCLCF146.3	HDRD	Neste Oil Singapore	22.59	Nov. 9, 2020	Nov. 8, 2023
BCLCF146.4	HDRD	Neste Oil Singapore	25.95	May 3, 2024	May 2, 2027
BCLCF147.0	Ethanol	ACE Ethanol LLC	58.62	Nov. 22, 2013	Nov. 14, 2016
BCLCF147.1	Ethanol	ACE Ethanol LLC	53.47	Nov. 15, 2016	July 28, 2019
BCLCF147.2	Ethanol	ACE Ethanol LLC	51.40	July 29, 2019	July 28, 2020
BCLCF147.3	Ethanol	ACE Ethanol LLC	51.29	July 29, 2020	July 28, 2023
BCLCF147.4	Ethanol	ACE Ethanol LLC	47.02	June 24, 2024	June 23, 2027
BCLCF148.0	HDRD	Neste Oil Singapore	57.63	Nov. 12, 2013	Nov. 11, 2014
BCLCF149.0	Ethanol	Chippewa Valley Ethanol Company	59.04	Nov. 22, 2013	Nov. 17, 2016
BCLCF149.1	Ethanol	Chippewa Valley Ethanol Company	55.62	Nov. 18, 2016	Nov. 17, 2019
BCLCF150.0	Biodiesel	REG Mason City LLC	29.77	Feb. 14, 2014	Dec. 31, 2014
BCLCF150.1	Biodiesel	REG Mason City LLC	19.73	Jan. 1, 2015	Dec. 31, 2017
BCLCF150.2	Biodiesel	REG Mason City, LLC	29.45	Mar. 12, 2021	Mar. 11, 2024
BCLCF150.3	Biodiesel	REG Mason City, LLC	13.41	Mar. 12, 2024	Mar. 11, 2027
BCLCF151.0	Ethanol	Red River Energy LLC	62.80	Feb. 12, 2014	Feb. 1, 2016
BCLCF151.1	Ethanol	Red River Energy LLC	56.51	Feb. 2, 2016	Jan. 23, 2017
BCLCF151.2	Ethanol	Red River Energy LLC	52.01	Jan. 24, 2017	Oct. 27, 2019
BCLCF151.3	Ethanol	Red River Energy LLC	49.23	Oct. 28, 2019	Oct. 27, 2022
BCLCF151.4	Ethanol	Red River Energy LLC	49.02	Oct. 28, 2022	Apr. 27, 2024
BCLCF151.5	Ethanol	Red River Energy LLC	43.49	Apr. 28, 2024	Apr. 27, 2027



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF152.0	Biodiesel	Kyoto Fuels Corporation	28.41	Feb. 20, 2014	Apr. 30, 2015
BCLCF153.0	Ethanol	Marquis Energy-Wisconsin LLC	52.43	Mar. 26, 2014	Mar. 25, 2017
BCLCF153.1	Ethanol	Marquis Energy-Wisconsin LLC	50.43	Mar. 26, 2017	Oct. 30, 2019
BCLCF153.2	Ethanol	Marquis Energy-Wisconsin LLC	48.81	Oct. 31, 2019	Oct. 4, 2022
BCLCF153.3	Ethanol	Marquis Energy-Wisconsin LLC	47.42	Oct. 5, 2022	Mar. 20, 2024
BCLCF153.4	Ethanol	Marquis Energy-Wisconsin LLC	42.44	Mar. 21, 2024	Mar. 20, 2025
BCLCF154.0	Biodiesel	REG Albert Lea, LLC	15.47	Nov. 27, 2013	June 30, 2014
BCLCF155.0	Biodiesel	REG Albert Lea, LLC	7.09	Nov. 27, 2013	June 30, 2014
BCLCF156.0	Biodiesel	REG Ralston, LLC	38.32	Nov. 27, 2013	Nov. 26, 2016
BCLCF156.1	Biodiesel	REG Ralston, LLC	7.49	May 2, 2018	Mar. 11, 2021
BCLCF156.2	Biodiesel	REG Ralston, LLC	15.44	Mar. 12, 2021	Mar. 11, 2024
BCLCF157.0	Biodiesel	REG Seneca, LLC	24.94	Nov. 27, 2013	Nov. 26, 2016
BCLCF157.1	Biodiesel	REG Seneca, LLC	29.11	Jan. 1, 2017	Dec. 31, 2019
BCLCF158.0	Biodiesel	REG Seneca, LLC	4.10	Nov. 27, 2013	Nov. 26, 2016
BCLCF159.0	Ethanol	Marquis Energy LLC	53.71	Apr. 2, 2014	Apr. 1, 2017
BCLCF160.0	Biodiesel	REG Grays Harbor LLC (formerly Imperium Grays Harbor LLC)	10.10	Mar. 13, 2014	Aug. 19, 2015
BCLCF160.1	Biodiesel	REG Grays Harbor LLC	10.10	Aug. 20, 2015	Mar. 12, 2017
BCLCF161.0	Biodiesel	REG Grays Harbor LLC (formerly Imperium Grays Harbor LLC)	13.28	Mar. 13, 2014	Aug. 19, 2015
BCLCF161.1	Biodiesel	REG Grays Harbor LLC	13.28	Aug. 20, 2015	Mar. 12, 2017



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF162.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	36.77	May 6, 2014	Jan. 18, 2017
C-BCLCF162.1	Ethanol	Future Fuel Ltd.	36.77	Jan. 19, 2017	Apr. 25, 2017
C-BCLCF162.2	Ethanol	Future Fuel Ltd.	35.13	Apr. 26, 2017	Apr. 25, 2018
C-BCLCF163.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	25.18	May 6, 2014	Jan. 18, 2017
C-BCLCF163.1	Ethanol	Future Fuel Ltd.	25.18	Jan. 19, 2017	May 5, 2017
C-BCLCF164.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	32.02	May 6, 2014	Jan. 18, 2017
C-BCLCF164.1	Ethanol	Future Fuel Ltd.	32.02	Jan. 19, 2017	Apr. 25, 2017
C-BCLCF164.2	Ethanol	Future Fuel Ltd.	30.54	Apr. 26, 2017	Apr. 25, 2018
C-BCLCF165.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	20.43	May 6, 2014	Jan. 18, 2017
C-BCLCF165.1	Ethanol	Future Fuel Ltd.	20.43	Jan. 19, 2017	May 5, 2017
C-BCLCF166.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	60.04	May 6, 2014	May 5, 2015
C-BCLCF167.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	48.46	May 6, 2014	May 5, 2015
C-BCLCF168.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	55.30	May 6, 2014	May 5, 2015
C-BCLCF169.0	Ethanol	Future Fuel Ltd. (formerly Growing Power Hairy Hill)	43.71	May 6, 2014	May 5, 2015



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF170.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	48.38	May 1, 2014	Dec. 31, 2014
C-BCLCF170.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	45.61	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF170.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	44.68	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF170.3	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	35.96	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF170.4	Ethanol	Cenovus Energy Inc.	40.27	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF170.5	Ethanol	Cenovus Energy Inc.	28.02	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF171.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	14.31	May 1, 2014	Dec. 31, 2014
C-BCLCF171.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	13.89	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF171.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	14.12	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF171.3	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	12.62	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF171.4	Ethanol	Cenovus Energy Inc.	15.03	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF171.5	Ethanol	Cenovus Energy Inc.	12.22	Jan. 1, 2024	Dec. 31, 2025
C-BCLCF172.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	69.03	May 1, 2014	Dec. 31, 2014



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF172.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	50.09	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF172.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	49.05	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF172.3	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	48.39	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF172.4	Ethanol	Cenovus Energy Inc.	53.30	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF172.5	Ethanol	Cenovus Energy Inc.	36.51	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF173.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	34.95	May 1, 2014	Dec. 31, 2014
C-BCLCF173.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	18.37	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF173.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	20.15	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF173.3	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	25.22	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF173.4	Ethanol	Cenovus Energy Inc.	28.07	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF173.5	Ethanol	Cenovus Energy Inc.	20.72	Jan. 1, 2024	Dec. 31, 2025
C-BCLCF174.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	81.64	May 1, 2014	Dec. 31, 2014
C-BCLCF174.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	74.91	Jan. 1, 2015	Dec. 31, 2017



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF174.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	74.95	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF175.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	47.56	May 1, 2014	Dec. 31, 2014
C-BCLCF175.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	43.14	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF175.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	45.10	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF176.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	75.24	May 1, 2014	Dec. 31, 2014
C-BCLCF176.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	65.37	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF176.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	65.52	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF176.3	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	57.04	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF176.4	Ethanol	Cenovus Energy Inc.	61.93	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF176.5	Ethanol	Cenovus Energy Inc.	58.87	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF177.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	41.17	May 1, 2014	Dec. 31, 2014
C-BCLCF177.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	33.65	Jan. 1, 2015	Dec. 31, 2017



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF177.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	35.56	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF177.3	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	33.48	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF177.4	Ethanol	Cenovus Energy Inc.	36.70	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF177.5	Ethanol	Cenovus Energy Inc.	43.07	Jan. 1, 2024	Dec. 31, 2025
C-BCLCF178.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	46.52	May 1, 2014	Dec. 31, 2014
C-BCLCF178.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	53.34	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF178.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	53.34	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF178.3	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	38.16	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF178.4	Ethanol	Cenovus Energy Inc.	38.20	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF178.5	Ethanol	Cenovus Energy Inc.	37.18	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF179.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	55.55	May 1, 2014	Dec. 31, 2014
C-BCLCF179.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	54.43	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF179.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	48.26	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF179.3	Ethanol	Cenovus Energy Inc.	48.02	Jan. 1, 2022	Dec. 31, 2023



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF179.4	Ethanol	Cenovus Energy Inc.	40.02	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF180.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	67.43	May 1, 2014	Dec. 31, 2014
C-BCLCF180.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	69.41	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF180.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	65.73	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF180.3	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	56.01	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF180.4	Ethanol	Cenovus Energy Inc.	55.51	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF180.5	Ethanol	Cenovus Energy Inc.	58.83	Jan. 1, 2024	Dec. 31, 2026
BCLCF181.0	Ethanol	Maple Biocombustibles	33.31	June 2, 2014	June 1, 2017
BCLCF182.0	Ethanol	Green Plains Shenandoah LLC	50.30	June 5, 2014	June 8, 2016
BCLCF182.1	Ethanol	Green Plains Shenandoah LLC	53.32	June 9, 2016	June 8, 2019
BCLCF182.2	Ethanol	Green Plains Shenandoah LLC	45.64	June 9, 2019	Mar. 16, 2022
BCLCF182.3	Ethanol	Green Plains Shenandoah LLC	48.28	Mar. 17, 2022	Dec. 31, 2023
BCLCF182.4	Ethanol	Green Plains Shenandoah LLC	44.54	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF183.0	Ethanol	Terra Grain Fuels Inc.	64.17	June 17, 2014	Mar. 2, 2016
C-BCLCF183.1	Ethanol	Terra Grain Fuels Inc.	56.32	Mar. 3, 2016	Mar. 2, 2019
C-BCLCF183.2	Ethanol	Terra Grain Fuels Inc.	55.90	Apr. 23, 2019	Mar. 27, 2022
C-BCLCF183.3	Ethanol	Co-op Ethanol Complex	62.12	Mar. 28, 2022	Dec. 31, 2023
C-BCLCF183.4	Ethanol	Co-op Ethanol Complex	46.90	Jan. 1, 2024	Dec. 31, 2026



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF184.0	Ethanol	Terra Grain Fuels Inc.	51.22	June 17, 2014	Mar. 2, 2016
C-BCLCF184.1	Ethanol	Terra Grain Fuels Inc.	45.00	Mar. 3, 2016	Mar. 2, 2019
C-BCLCF184.2	Ethanol	Terra Grain Fuels Inc.	44.22	Apr. 23, 2019	Mar. 27, 2022
C-BCLCF184.3	Ethanol	Co-op Ethanol Complex	43.13	Mar. 28, 2022	Dec. 31, 2023
C-BCLCF184.4	Ethanol	Co-op Ethanol Complex	30.98	Jan. 1, 2024	Dec. 31, 2026
BCLCF185.0	Ethanol	Big River Resources LLC	52.45	June 18, 2014	Apr. 2, 2017
BCLCF185.1	Ethanol	Big River Resources LLC	50.14	Apr. 3, 2017	Mar. 12, 2020
BCLCF185.2	Ethanol	Big River Resources LLC	47.60	Mar. 13, 2020	Mar. 12, 2023
BCLCF185.3	Ethanol	Big River Resources LLC	46.64	Mar. 13, 2023	Mar. 12, 2024
BCLCF185.4	Ethanol	Big River Resources LLC	40.08	Dec. 12, 2024	Dec. 11, 2027
BCLCF186.0	Biodiesel	REG Albert Lea, LLC	15.36	June 30, 2014	June 29, 2017
BCLCF186.1	Biodiesel	REG Albert Lea, LLC	28.78	June 30, 2017	June 29, 2020
BCLCF186.2	Biodiesel	REG Albert Lea, LLC	32.33	Mar. 12, 2021	Mar. 11, 2024
BCLCF186.3	Biodiesel	REG Albert Lea, LLC	13.74	Mar. 12, 2024	Mar. 11, 2027
BCLCF187.0	Biodiesel	REG Albert Lea, LLC	-0.05	June 30, 2014	June 29, 2017
BCLCF187.1	Biodiesel	REG Albert Lea, LLC	16.47	Mar. 12, 2021	Mar. 11, 2024
BCLCF187.2	Biodiesel	REG Albert Lea, LLC	4.52	Mar. 12, 2024	Mar. 11, 2027
BCLCF188.0	Biodiesel	REG Albert Lea, LLC	5.29	June 30, 2014	June 29, 2017
BCLCF188.1	Biodiesel	REG Albert Lea, LLC	17.63	June 30, 2017	June 29, 2020
BCLCF188.2	Biodiesel	REG Albert Lea, LLC	34.36	Mar. 12, 2021	Mar. 11, 2024
BCLCF188.3	Biodiesel	REG Albert Lea, LLC	24.48	Mar. 12, 2024	Mar. 11, 2027



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF189.0	Biodiesel	REG Albert Lea, LLC	7.55	June 30, 2014	June 29, 2017
BCLCF190.0	Ethanol	Trestle Energy	29.68	Oct. 15, 2014	Oct. 14, 2015
BCLCF191.0	Ethanol	Trestle Energy	35.66	Oct. 15, 2014	Oct. 14, 2015
BCLCF192.0	Ethanol	Trestle Energy	29.10	Oct. 15, 2014	Oct. 14, 2015
BCLCF193.0	Ethanol	Mid Missouri Energy LLC	52.86	Nov. 18, 2014	Nov. 17, 2017
BCLCF194.0	HDRD	REG Geismar, LLC	6.85	Nov. 24, 2014	Nov. 17, 2015
BCLCF194.1	HDRD	REG Geismar, LLC	21.57	Nov. 18, 2015	May 1, 2018
BCLCF194.2	HDRD	REG Geismar, LLC	18.04	May 2, 2018	Mar. 11, 2021
BCLCF194.3	HDRD	REG Geismar, LLC	20.75	Mar. 12, 2021	Dec. 31, 2022
BCLCF194.4	HDRD	REG Geismar, LLC	21.96	Dec. 31, 2022	June 30, 2024
BCLCF194.5	HDRD	REG Geismar, LLC	19.31	July 1, 2024	June 30, 2027
BCLCF195.0	HDRD	REG Geismar, LLC	18.52	Nov. 24, 2014	Nov. 17, 2015
BCLCF195.1	HDRD	REG Geismar, LLC	30.16	Nov. 18, 2015	May 1, 2018
BCLCF195.2	HDRD	REG Geismar, LLC	24.76	May 2, 2018	Mar. 11, 2021
BCLCF195.3	HDRD	REG Geismar, LLC	25.97	Mar. 12, 2021	Dec. 31, 2022
BCLCF195.4	HDRD	REG Geismar, LLC	27.63	Dec. 31, 2022	June 30, 2024
BCLCF195.5	HDRD	REG Geismar, LLC	26.96	July 1, 2024	June 30, 2027
BCLCF196.0	HDRD	REG Geismar, LLC	21.95	Nov. 24, 2014	Nov. 17, 2015
BCLCF196.1	HDRD	REG Geismar, LLC	33.30	Nov. 18, 2015	May 1, 2018
BCLCF196.2	HDRD	REG Geismar, LLC	28.16	May 2, 2018	Mar. 11, 2021
BCLCF196.3	HDRD	REG Geismar, LLC	31.04	Mar. 12, 2021	Dec. 31, 2022



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF196.4	HDRD	REG Geismar, LLC	34.13	Dec. 31, 2022	June 30, 2024
BCLCF196.5	HDRD	REG Geismar, LLC	28.27	July 1, 2024	June 30, 2027
BCLCF197.0	HDRD	REG Geismar, LLC	19.59	Nov. 24, 2014	Nov. 17, 2015
BCLCF197.1	HDRD	REG Geismar, LLC	31.76	Nov. 18, 2015	Nov. 17, 2018
BCLCF197.2	HDRD	REG Geismar, LLC	30.56	May 18, 2020	May 17, 2023
BCLCF197.3	HDRD	REG Geismar, LLC	30.61	Dec. 31, 2022	June 30, 2024
BCLCF198.0	HDRD	REG Geismar, LLC	27.43	Nov. 24, 2014	Nov. 17, 2015
BCLCF198.1	HDRD	REG Geismar, LLC	37.89	Nov. 18, 2015	Nov. 17, 2018
BCLCF198.2	HDRD	REG Geismar, LLC	36.67	May 18, 2020	May 17, 2023
BCLCF199.0	Biodiesel	REG Mason City, LLC	9.54	Jan. 1, 2015	Dec. 31, 2017
BCLCF199.1	Biodiesel	REG Mason City, LLC	18.05	Mar. 12, 2021	Mar. 11, 2024
BCLCF199.2	Biodiesel	REG Mason City, LLC	5.11	Mar. 12, 2024	Mar. 11, 2027
BCLCF200.0	Biodiesel	REG Mason City, LLC	18.45	Jan. 1, 2015	Dec. 31, 2017
BCLCF200.1	Biodiesel	REG Mason City, LLC	27.78	May 2, 2018	Mar. 11, 2021
BCLCF200.2	Biodiesel	REG Mason City, LLC	26.00	Mar. 12, 2021	Mar. 11, 2024
BCLCF200.3	Biodiesel	REG Mason City, LLC	15.39	Mar. 12, 2024	Mar. 11, 2027
BCLCF201.0	Biodiesel	REG Mason City, LLC	25.01	Jan. 1, 2015	Dec. 31, 2017
BCLCF201.1	Biodiesel	REG Mason City, LLC	35.82	May 2, 2018	Mar. 11, 2021
BCLCF201.2	Biodiesel	REG Mason City, LLC	33.75	Mar. 12, 2021	Mar. 11. 2024
BCLCF201.3	Biodiesel	REG Mason City, LLC	13.63	Mar. 12, 2024	Mar. 11, 2027
BCLCF202.0	Biodiesel	REG Mason City, LLC	16.12	Jan. 1, 2015	Dec. 31, 2017



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF202.1	Biodiesel	REG Mason City, LLC	37.46	May 2, 2018	Mar. 11, 2021
BCLCF202.2	Biodiesel	REG Mason City, LLC	35.59	Mar. 12, 2021	Mar. 11, 2024
BCLCF202.3	Biodiesel	REG Mason City, LLC	23.95	Mar. 12, 2024	Mar. 11, 2027
BCLCF203.0	Biodiesel	REG Mason City, LLC	20.46	Jan. 1, 2015	Dec. 31, 2017
BCLCF204.0	Biodiesel	REG Mason City, LLC	16.14	Jan. 1, 2015	Dec. 31, 2017
BCLCF205.0	Ethanol	AltEn, LLC	56.11	Jan. 9, 2015	Jan. 8, 2016
BCLCF206.0	Ethanol	AltEn, LLC	31.44	Jan. 9, 2015	Jan. 8, 2016
BCLCF207.0	Ethanol	AltEn, LLC	46.02	Jan. 9, 2015	Jan. 8, 2016
BCLCF208.0	Ethanol	AltEn, LLC	21.36	Jan. 9, 2015	Jan. 8, 2016
BCLCF209.0	Ethanol	Badger State Ethanol (formerly Murex LLC)	46.86	May 1, 2015	Feb. 23, 2016
BCLCF209.1	Ethanol	Badger State Ethanol	46.86	Feb. 24, 2016	Apr. 30, 2018
BCLCF210.0	HDRD	Neste Oil Singapore	48.73	Jan. 1, 2015	Dec. 31, 2017
BCLCF210.1	HDRD	Neste Oil Singapore	47.67	Jan. 1, 2018	Dec. 31, 2020
BCLCF211.0	HDRD	Neste Oil Singapore	76.45	Jan. 1, 2015	Dec. 31, 2017
BCLCF211.1	HDRD	Neste Oil Singapore	75.28	Jan. 1, 2018	Dec. 31, 2020
BCLCF212.0	HDRD	Neste Oil Singapore	30.60	Jan. 1, 2015	Dec. 31, 2017
BCLCF212.1	HDRD	Neste Oil Singapore	29.67	Jan. 1, 2018	Dec. 31, 2020
BCLCF213.0	Biodiesel	T6 Industrial S.A.	14.40	Apr. 21, 2015	Mar. 20, 2018
BCLCF213.1	Biodiesel	T6 Industrial S.A.	-2.62	Mar. 21, 2018	Mar. 20, 2021
BCLCF213.2	Biodiesel	T6 Industrial SA	-2.93	May 1, 2023	Apr. 30, 2024



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF213.3	Biodiesel	T6 Industrial SA	-5.64	Aug. 19, 2024	Aug. 18, 2027
BCLCF214.0	Biodiesel	SK Chemicals Co. Ltd.	98.96	Apr. 14, 2015	Apr. 13, 2018
BCLCF215.0	Biodiesel	SK Chemicals Co. Ltd.	16.85	Apr. 14, 2015	Apr. 13, 2018
BCLCF216.0	Biodiesel	SK Chemicals Co. Ltd.	16.23	Apr. 14, 2015	Apr. 13, 2018
C-BCLCF217.0	Biodiesel	BIOX Canada Ltd.	17.08	May 26, 2015	May 25, 2018
C-BCLCF218.0	Biodiesel	BIOX Canada Ltd.	28.92	May 26, 2015	May 25, 2018
C-BCLCF219.0	Biodiesel	BIOX Canada Ltd.	18.19	May 26, 2015	May 25, 2018
C-BCLCF219.1	Biodiesel	BIOX Canada Ltd.	19.40	Sept. 6, 2021	Sept. 5, 2024
C-BCLCF220.0	Biodiesel	BIOX Canada Ltd.	0.16	May 26, 2015	May 25, 2018
C-BCLCF220.1	Biodiesel	BIOX Canada Ltd.	-4.35	June 14, 2018	June 13, 2021
C-BCLCF220.2	Biodiesel	BIOX Canada Ltd.	2.50	June 14, 2021	June 13, 2024
C-BCLCF221.0	Biodiesel	BIOX Canada Ltd.	-15.74	May 26, 2015	May 25, 2018
C-BCLCF221.1	Biodiesel	BIOX Canada Ltd.	-20.21	June 14, 2018	June 13, 2021
C-BCLCF221.2	Biodiesel	BIOX Canada Ltd.	-13.59	June 14, 2021	June 13, 2024
BCLCF222.0	Ethanol	Dakota Spirit AgEnergy	39.63	July 1, 2015	May 24, 2018
BCLCF222.1	Ethanol	Dakota Spirit AgEnergy	34.36	May 25, 2018	May 24, 2021
BCLCF222.2	Ethanol	Dakota Spirit AgEnergy	32.94	Apr. 13, 2022	Dec. 31, 2023
BCLCF222.3	Ethanol	Dakota Spirit AgEnergy	28.06	Oct. 15, 2024	Oct 14, 2027
C-BCLCF223.0	Biodiesel	Consolidated Biofuels Ltd.	5.04	Oct. 1, 2015	Sept. 27, 2018
C-BCLCF223.1	Biodiesel	Consolidated Biofuels Ltd.	4.96	Sept. 28, 2018	Sept. 27, 2019
C-BCLCF223.2	Biodiesel	Consolidated Biofuels Ltd.	-7.75	Jan. 5, 2021	Jan. 4, 2022



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF223.3	Biodiesel	Consolidated Biofuels Ltd.	-19.38	Jan. 17, 2022	Dec. 31, 2023
C-BCLCF223.4	Biodiesel	Consolidated Biofuels Ltd.	-20.35	Feb. 18, 2024	Feb. 17, 2027
C-BCLCF224.0	Ethanol	Pound-Maker Agventures	32.34	Oct. 15, 2015	Oct. 14, 2018
C-BCLCF224.1	Ethanol	Pound-Maker Agventures	31.79	Dec. 17, 2019	Dec. 16, 2022
C-BCLCF225.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	41.87	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF225.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	40.91	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF225.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	31.45	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF225.3	Ethanol	Cenovus Energy Inc.	35.75	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF225.4	Ethanol	Cenovus Energy Inc.	23.91	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF226.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	10.15	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF226.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	10.35	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF226.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	8.11	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF226.3	Ethanol	Cenovus Energy Inc.	10.51	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF226.4	Ethanol	Cenovus Energy Inc.	8.11	Jan. 1, 2024	Dec. 31, 2025
C-BCLCF227.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	46.35	Jan. 1, 2015	Dec. 31, 2017



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF227.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	45.28	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF227.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	43.88	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF227.3	Ethanol	Cenovus Energy Inc.	48.78	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF227.4	Ethanol	Cenovus Energy Inc.	32.40	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF228.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	14.63	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF228.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	16.38	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF228.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	20.71	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF228.3	Ethanol	Cenovus Energy Inc.	23.55	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF228.4	Ethanol	Cenovus Energy Inc.	16.61	Jan. 1, 2024	Dec. 31, 2025
C-BCLCF229.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	71.18	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF229.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	71.19	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF230.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	39.46	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF230.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	41.33	Jan. 1, 2018	Dec. 31, 2018



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF231.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	61.63	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF231.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	61.76	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF231.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	52.53	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF231.3	Ethanol	Cenovus Energy Inc.	57.41	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF231.4	Ethanol	Cenovus Energy Inc.	54.76	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF232.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	29.91	Jan. 1, 2015	Dec. 31, 2017
C-BCLCF232.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	31.90	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF232.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	28.97	Jan. 1, 2019	Dec. 31. 2021
C-BCLCF232.3	Ethanol	Cenovus Energy Inc.	32.18	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF232.4	Ethanol	Cenovus Energy Inc.	38.96	Jan. 1, 2024	Dec. 31, 2025
C-BCLCF233.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	44.50	Jan. 1, 2016	Dec. 31, 2017
C-BCLCF233.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	44.50	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF233.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	31.07	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF233.3	Ethanol	Cenovus Energy Inc.	31.09	Jan. 1, 2022	Dec. 31, 2023



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF233.4	Ethanol	Cenovus Energy Inc.	30.77	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF234.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	45.56	Jan. 1, 2016	Dec. 31, 2018
C-BCLCF234.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	41.16	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF234.2	Ethanol	Cenovus Energy Inc.	40.91	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF234.3	Ethanol	Cenovus Energy Inc.	33.61	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF235.0	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	60.34	Jan. 1, 2016	Dec. 31, 2017
C-BCLCF235.1	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	57.18	Jan. 1, 2018	Dec. 31, 2018
C-BCLCF235.2	Ethanol	Cenovus Energy Inc. (formerly Husky Energy)	48.91	Jan. 1, 2019	Dec. 31, 2021
C-BCLCF235.3	Ethanol	Cenovus Energy Inc.	48.40	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF235.4	Ethanol	Cenovus Energy Inc.	52.42	Jan. 1, 2024	Dec. 31, 2026
BCLCF236.0	Biodiesel	Cargill Inc.	-3.64	Apr. 1, 2016	Mar. 31, 2019
BCLCF236.1	Biodiesel	Cargill Inc.	-11.08	Apr. 1, 2019	Mar. 31, 2022
BCLCF236.2	Biodiesel	Cargill Inc.	-11.20	Apr. 6, 2022	Nov. 8, 2023
BCLCF236.3	Biodiesel	Cargill Inc.	-8.28	Nov. 9, 2023	Nov. 8, 2026
BCLCF237.0	Ethanol	Green Plains Wood River LLC	54.66	May 16, 2016	May 15, 2019
BCLCF238.0	Ethanol	Green Plains Fairmont LLC	61.73	May 16, 2016	May 15, 2019
BCLCF239.0	Ethanol	Redfield Energy LLC	49.72	July 22, 2016	July 21, 2019

25 of 80 Approved Carbon Intensities - Archive



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF239.1	Ethanol	Redfield Energy LLC	48.90	July 22, 2019	July 19, 2022
BCLCF239.2	Ethanol	Redfield Energy LLC	48.37	July 20, 2022	Jan. 19, 2024
BCLCF239.3	Ethanol	Redfield Energy LLC	37.93	Jan. 20, 2024	Jan. 19, 2027
BCLCF240.0	Ethanol	Aberdeen Energy LLC	54.55	July 29, 2016	July 25, 2019
BCLCF240.1	Ethanol	Aberdeen Energy LLC	52.61	July 26, 2019	July 25, 2022
BCLCF240.2	Ethanol	Aberdeen Energy LLC	45.30	Jan. 26, 2023	Jan. 25, 2024
BCLCF241.0	HDRD	Neste Oil Singapore	26.93	Sept. 7, 2016	Dec. 31, 2017
BCLCF241.1	HDRD	Neste Oil Singapore	27.34	Jan. 1, 2018	Nov. 8, 2020
BCLCF241.2	HDRD	Neste Oil Singapore	30.56	Nov. 9, 2020	Nov. 8, 2023
C-BCLCF242.0	Ethanol	Permolex Ltd.	33.54	Sept. 3, 2016	Aug. 25, 2019
C-BCLCF242.1	Ethanol	Permolex Ltd.	33.13	Aug. 26, 2019	Mar. 3, 2024
C-BCLCF242.2	Ethanol	Permolex Ltd.	33.31	Mar. 4, 2024	Mar. 3, 2027
C-BCLCF243.0	Ethanol	Permolex Ltd.	40.11	Sept. 3, 2016	Sept. 2, 2019
C-BCLCF244.0	Ethanol	Enerkem Alberta Biofuels LP	-54.80	Dec. 7, 2016	Dec. 6, 2017
C-BCLCF244.1	Ethanol	Enerkem Alberta Biofuels LP	-20.50	Dec. 7, 2017	Dec. 3, 2018
C-BCLCF244.2	Ethanol	Enerkem Alberta Biofuels LP	-20.50	Dec. 4, 2018	Dec. 31, 2019
C-BCLCF245.0	LNG	FortisBC Energy Inc.	63.04	Jan. 1, 2017	June 9, 2019
C-BCLCF245.1	LNG	FortisBC Energy Inc.	65.57	June 10, 2019	June 9, 2020
C-BCLCF245.2	LNG	FortisBC Energy Inc.	63.54	June 10, 2020	June 9, 2021
C-BCLCF245.3	LNG	FortisBC Energy Inc.	65.09	June 10, 2021	Dec. 30, 2022
C-BCLCF245.4	LNG	FortisBC Energy Inc.	64.76	Dec. 31, 2022	June 30, 2024



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF245.5	LNG	FortisBC Energy Inc.	65.94	July 1, 2024	June 30, 2027
BCLCF246.0	Ethanol	Mid America Agri Products/Wheatland LLC	46.87	Mar. 7, 2017	Mar. 6, 2020
C-BCLCF247.0	Ethanol	Future Fuel Ltd.	37.59	Apr. 26, 2017	Apr. 25, 2018
C-BCLCF248.0	Ethanol	Future Fuel Ltd.	33.01	Apr. 26, 2017	Apr. 25, 2018
C-BCLCF249.0	LNG	Ferus Natural Gas Fuels Inc.	67.34	Jan. 1, 2017	Dec. 31, 2019
BCLCF250.0	HDRD	East Kansas Agri-Energy, LLC	23.51	Sept. 15, 2017	Sept. 14, 2018
BCLCF250.1	HDRD	East Kansas Agri-Energy, LLC	39.36	Feb. 14, 2019	Feb. 13, 2020
BCLCF250.2	HDRD	East Kansas Agri-Energy, LLC	39.36	Feb. 14, 2020	Feb. 13, 2021
BCLCF251.0	Biodiesel	Incobrasa Industries, Ltd.	6.89	Oct. 23, 2017	Aug. 26, 2020
BCLCF251.1	Biodiesel	Incobrasa Industries, Ltd.	3.49	Aug. 27, 2020	Aug. 6, 2023
BCLCF251.2	Biodiesel	Incobrasa Industries, Ltd.	0.35	Aug. 7, 2023	Aug. 7, 2026
C-BCLCF252.0	Biodiesel	Lower Mainland Biodiesel Waste & Cooking Oil Recycling Inc.	4.47	Feb. 22, 2018	Feb. 21, 2019
BCLCF253.0	Ethanol	POET Biorefining	49.33	Mar. 27, 2018	Mar. 26, 2021
BCLCF254.0	Ethanol	POET Biorefining	49.86	Mar. 27, 2018	Mar. 26, 2021
BCLCF255.0	Biodiesel	SeQuential Pacific Biodiesel LLC	0.69	Apr. 25, 2018	Apr. 24, 2021
BCLCF256.0	Biodiesel	REG Albert Lea, LLC	21.03	May 2, 2018	Mar. 11, 2021
BCLCF256.1	Biodiesel	REG Albert Lea, LLC	24.42	Mar. 12, 2021	Mar. 11, 2024
BCLCF256.2	Biodiesel	REG Albert Lea, LLC	15.71	Mar. 12, 2024	Mar. 11, 2027
BCLCF257.0	Biodiesel	REG Emden, LLC	22.61	May 2, 2018	May 1, 2021
BCLCF258.0	HDRD	REG Geismar, LLC	48.65	May 2, 2018	May 1, 2019

27 of 80 Approved Carbon Intensities - Archive



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF259.0	Biodiesel	REG Oeding, LLC	23.42	May 2, 2018	May 1, 2021
BCLCF260.0	Biodiesel	Louis Dreyfus Company	11.22	June 18, 2018	June 17, 2021
BCLCF261.0	HDRD	REG Geismar, LLC	16.47	Nov. 2, 2018	Mar. 11, 2021
BCLCF261.1	HDRD	REG Geismar, LLC	20.46	Mar. 12, 2021	Dec. 30, 2022
BCLCF261.2	HDRD	REG Geismar, LLC	22.13	Dec. 31, 2022	June 30, 2024
BCLCF261.3	HDRD	REG Geismar, LLC	20.28	July 1, 2024	June 30, 2027
BCLCF262.0	Ethanol	Greenfield Global Winnebago LLC (formerly Corn Plus)	56.13	Nov. 12, 2018	Nov. 11, 2021
BCLCF262.1	Ethanol	Greenfield Global Winnebago LLC	54.28	Nov. 12, 2021	May 11, 2023
BCLCF262.2	Ethanol	Greenfield Global Winnebago LLC	45.06	Jan. 10, 2025	Jan. 9, 2028
C-BCLCF263.0	CNG	Seabreeze Farm Ltd.	19.94	Oct. 16, 2018	Oct. 15, 2019
C-BCLCF263.1	CNG	Seabreeze Farm Ltd.	26.08	Jan. 1, 2021	Dec. 31, 2021
C-BCLCF263.2	CNG	FortisBC Energy Inc.	-35.16	Aug. 5, 2022	Feb. 4, 2024
C-BCLCF263.3	CNG	FortisBC Energy Inc.	6.42	Feb. 5, 2024	Feb. 4, 2025
C-BCLCF264.0	CNG	Fraser Valley Biogas	17.36	Oct. 16, 2018	Oct. 15, 2019
C-BCLCF264.1	CNG	Fraser Valley Biogas	10.50	Jan. 1, 2020	Dec. 31, 2022
C-BCLCF265.0	CNG	FortisBC Energy Inc.	7.33	Oct. 16, 2018	Oct. 15, 2019
C-BCLCF265.1	CNG	FortisBC Energy Inc.	6.73	Jan. 1, 2020	Dec. 31, 2020
C-BCLCF265.2	CNG	FortisBC Energy Inc.	6.81	Jan. 1, 2021	Dec. 31, 2023
C-BCLCF265.3	CNG	FortisBC Energy Inc.	7.42	Jan. 1, 2024	Dec. 31, 2024
C-BCLCF265.4	CRNG	FortisBC Energy Inc.	7.45	Jan. 1, 2025	Dec. 31, 2025



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF266.0	CNG	FortisBC Energy Inc.	30.80	Oct. 16, 2018	Oct. 15, 2019
C-BCLCF266.1	CNG	FortisBC Energy Inc.	14.25	Dec. 16, 2022	Dec. 31, 2023
C-BCLCF266.2	CNG	FortisBC Energy Inc.	20.41	Jan. 1, 2024	Dec. 31, 2026
BCLCF267.0	Ethanol	Copersucar S.A.	34.77	Jan. 18, 2019	Jan. 17, 2022
BCLCF268.0	HDRD	REG Geismar, LLC	21.51	Mar. 15, 2019	Mar. 11, 2021
BCLCF268.1	HDRD	REG Geismar, LLC	21.56	Mar. 12, 2021	Dec. 30, 2022
BCLCF268.2	HDRD	REG Geismar, LLC	23.91	Dec. 31, 2022	June 30, 2024
BCLCF268.3	HDRD	REG Geismar, LLC	24.14	July 1, 2024	June 30, 2027
BCLCF269.0	HDRD	Sinclair Wyoming Refining Company	32.24	Apr. 11, 2019	Mar. 3, 2020
BCLCF269.1	HDRD	Sinclair Wyoming Refining Company	26.46	Mar. 4, 2020	Mar. 1, 2021
BCLCF269.2	HDRD	Sinclair Wyoming Refining Company	20.28	Mar. 2, 2021	Feb. 9, 2022
BCLCF269.3	HDRD	Sinclair Wyoming Refining Company	25.92	Feb. 10, 2022	Dec. 31, 2023
BCLCF269.4	HDRD	Wyoming Renewable Diesel Company LLC	24.10	Jan. 1, 2024	Dec. 31, 2026
BCLCF270.0	HDRD	Sinclair Wyoming Refining Company	28.04	Apr. 11, 2019	Apr. 10, 2020
BCLCF270.1	HDRD	Wyoming Renewable Diesel Company LLC	24.47	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF271.0	Ethanol	Terra Grain Fuels Inc.	41.81	Apr. 23, 2019	Apr. 22, 2022
BCLCF272.0	Biodiesel	Archer Daniels Midland Company	10.56	May 28, 2019	May 27, 2022
BCLCF273.0	Biodiesel	Mid-America Biofuels	10.15	May 29, 2019	May 28, 2022
BCLCF274.0	Biodiesel	Paseo Cargill Energy	-12.70	July 25, 2019	July 24, 2022
BCLCF274.1	Biodiesel	Paseo Cargill Energy	-7.81	July 25, 2022	Jan. 24, 2024



#### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF274.2	Biodiesel	Paseo Cargill Energy	-15.03	Jan. 25, 2024	Jan. 24, 2027
BCLCF275.0	Ethanol	Quad County Corn Processors Cooperative	61.57	Sept. 18, 2019	Sept. 17, 2022
BCLCF275.1	Ethanol	Quad County Corn Processors Cooperative	51.89	Sept. 18, 2022	Mar. 17, 2024
BCLCF276.0	Ethanol	Red River Biorefinery, LLC	27.94	Mar. 4, 2020	July 3, 2021
C-BCLCF277.0	CNG	City of Surrey	-86.47	June 30, 2020	June 29, 2021
C-BCLCF277.1	CNG	City of Surrey	-32.36	June 30, 2021	Dec. 31, 2023
BCLCF278.0	Ethanol	Bonanza Bioenergy	23.88	Oct. 31, 2019	Oct. 27, 2022
BCLCF278.1	Ethanol	Bonanza Bioenergy	27.67	Oct. 28, 2022	Feb. 11, 2024
BCLCF278.2	Ethanol	Bonanza Bioenergy	22.48	Feb. 12, 2024	Feb. 11, 2025
BCLCF279.0	Biodiesel	REG Mason City, LLC	13.43	Oct. 25, 2019	Oct. 24, 2022
BCLCF280.0	Biodiesel	REG Grays Harbor, LLC	6.22	Jan. 15, 2020	Dec. 30, 2022
BCLCF280.1	Biodiesel	REG Grays Harbor, LLC	6.55	Dec. 31, 2022	June 30, 2024
BCCLF280.2	Biodiesel	REG Grays Harbor, LLC	6.87	July 1, 2024	June 30, 2027
BCLCF281.0	Biodiesel	REG Grays Harbor, LLC	-5.73	Jan. 15, 2020	Dec. 30, 2022
BCLCF281.1	Biodiesel	REG Grays Harbor, LLC	-5.27	Dec. 31, 2022	June 30, 2024
BCLCF282.0	Biodiesel	REG Madison, LLC	8.34	Jan. 13, 2020	Jan. 12, 2023
BCLCF282.1	Biodiesel	REG Madison LLC	13.51	Jan. 13, 2023	Dec. 31, 2023
BCLCF282.2	Biodiesel	REG Madison LLC	10.34	Jan. 1, 2024	Dec. 31, 2026
BCLCF283.0	Biodiesel	REG Seneca, LLC	9.35	Jan. 13, 2020	Jan. 12, 2023
BCLCF283.1	Biodiesel	REG Seneca, LLC	6.57	Jan. 13, 2023	Dec. 31, 2023

30 of 80 Approved Carbon Intensities - Archive



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF283.2	Biodiesel	REG Seneca, LLC	4.97	Jan. 1, 2024	Dec. 31, 2026
BCLCF284.0	Ethanol	Hub City, LLC	49.17	Apr. 8, 2020	Jan. 25, 2023
BCLCF284.1	Ethanol	Hub City, LLC	46.58	Jan. 26, 2023	Jan. 25, 2024
BCLCF284.2	Ethanol	Hub City, LLC	37.76	Jan. 26, 2024	Jan. 25, 2027
BCLCF285.0	Ethanol	Huron Energy, LLC	46.46	Apr. 8, 2020	Jan. 25, 2023
BCLCF285.1	Ethanol	Huron Energy, LLC	48.40	Jan. 26, 2023	Jan. 25, 2024
BCLCF285.2	Ethanol	Huron Energy, LLC	44.75	Jan. 26, 2024	Jan. 25, 2027
BCLCF286.0	Ethanol	Bonanza Bioenergy	39.56	June 11, 2020	Oct. 27, 2022
BCLCF286.1	Ethanol	Bonanza Bioenergy	39.23	Oct. 28, 2022	July 31, 2023
BCLCF286.2	Ethanol	Bonanza Bioenergy	35.17	Aug. 1, 2023	Feb. 11, 2024
BCLCF286.3	Ethanol	Bonanza Bioenergy	34.78	Feb. 12, 2024	Feb. 11, 2025
BCLCF287.0	HDRD	Diamond Green Diesel LLC	25.20	May 13, 2020	Dec. 28, 2022
BCLCF287.1	HDRD	Diamond Green Diesel LLC	28.09	Dec. 29, 2022	June 29, 2024
BCLCF287.2	HDRD	Diamond Green Diesel LLC	23.37	June 30, 2024	June 30, 2027
BCLCF288.0	Biodiesel	REG Grays Harbor, LLC	-0.30	Jan. 15, 2020	Dec. 30, 2022
BCLCF288.1	Biodiesel	REG Grays Harbor, LLC	-0.20	Dec. 31, 2022	June 30, 2024
BCLCF288.2	Biodiesel	REG Grays Harbor, LLC	0.58	July 1, 2024	June 30, 2027
BCLCF289.0	Biodiesel	REG Grays Harbor, LLC	4.44	Jan. 15, 2020	Dec. 30, 2022
BCLCF289.1	Biodiesel	REG Grays Harbor, LLC	4.58	Dec. 31, 2022	June 30, 2024
BCLCF289.2	Biodiesel	REG Grays Harbor, LLC	-0.16	July 1, 2024	June 30, 2027
BCLCF290.0	Biodiesel	REG Grays Harbor, LLC	13.16	Jan. 15, 2020	Dec. 30, 2022



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF290.1	Biodiesel	REG Grays Harbor, LLC	12.14	Dec. 31, 2022	June 30, 2024
BCLCF290.2	Biodiesel	REG Grays Harbor, LLC	13.49	July 1, 2024	June 30, 2027
BCLCF291.0	Biodiesel	REG Grays Harbor, LLC	11.78	Jan. 15, 2020	Dec. 30, 2022
BCLCF291.1	Biodiesel	REG Grays Harbor, LLC	12.25	Dec. 31, 2022	June 30, 2024
BCLCF291.2	Biodiesel	REG Grays Harbor, LLC	15.15	July 1, 2024	June 30, 2027
BCLCF292.0	HDRD	REG Geismar, LLC	26.90	May 18, 2020	May 17, 2023
BCLCF293.0	HDRD	REG Geismar, LLC	23.91	May 18, 2020	May 17, 2023
BCLCF294.0	Biodiesel	Cincinnati Renewable Fuels, LLC	7.36	June 23, 2020	June 22, 2023
C-BCLCF295.0	Biodiesel	Consolidated Biofuels Ltd.	17.45	Aug. 31, 2020	Aug. 30, 2021
BCLCF296.0	Ethanol	Siouxland Energy Cooperative	42.08	July 13, 2020	July 12, 2023
C-BCLCF297.0	Biodiesel	Consolidated Biofuels Ltd.	0.46	Nov. 12, 2020	Nov. 11, 2021
C-BCLCF297.1	Biodiesel	Consolidated Biofuels Ltd.	-11.55	Nov. 12 2021	Dec. 31, 2023
C-BCLCF297.2	Biodiesel	Consolidated Biofuels Ltd.	-14.85	Feb. 18, 2024	Feb. 17, 2027
BCLCF298.0	HDRD	Dakota Prairie Refining, LLC	22.52	Dec. 19, 2020	Mar. 18, 2022
BCLCF298.1	HDRD	Dakota Prairie Refining, LLC	30.65	Feb. 23, 2022	Feb. 22, 2023
BCLCF298.2	HDRD	Dakota Prairie Refining, LLC	25.65	Nov. 28, 2023	Nov. 27, 2026
BCLCF299.0	HDRD	Dakota Prairie Refining, LLC	19.29	Dec. 19, 2020	Mar. 18, 2022
BCLCF299.1	HDRD	Dakota Prairie Refining, LLC	26.46	Feb. 23, 2022	Feb. 22, 2023
BCLCF299.2	HDRD	Dakota Prairie Refining, LLC	25.25	Nov. 28, 2023	Nov. 27, 2026
BCLCF300.0	HDRD	Dakota Prairie Refining, LLC	21.80	Dec. 19, 2020	Mar. 18, 2022
BCLCF300.1	HDRD	Dakota Prairie Refining, LLC	28.56	Feb. 23, 2022	Feb. 22, 2023



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF300.2	HDRD	Dakota Prairie Refining, LLC	24.57	Nov. 28, 2023	Nov. 27, 2026
BCLCF301.0	Biodiesel	Express Grain Terminals LLC	13.79	Nov. 29, 2020	Feb. 28, 2022
BCLCF302.0	HDRD	ECO Biochemical Technology (Zhangjiagang) Company Limited	25.16	Oct. 30, 2020	Apr. 29, 2022
BCLCF303.0	HDRD	ECO Biochemical Technology (Zhangjiagang) Company Limited	19.05	Oct. 30, 2020	Apr. 29, 2022
BCLCF304.0	HDRD	ECO Biochemical Technology (Zhangjiagang) Company Limited	44.21	Oct. 30, 2020	Apr. 29, 2022
BCLCF305.0	HDRD	ECO Biochemical Technology (Zhangjiagang) Company Limited	31.37	Oct. 30, 2020	Apr. 29, 2022
BCLCF306.0	HDRD	ECO Biochemical Technology (Zhangjiagang) Company Limited	19.16	Oct. 30, 2020	Apr. 29, 2022
BCLCF307.0	HDRD	Phillips 66 Company	13.77	Jan. 11, 2021	Nov. 21, 2021
BCLCF307.1	HDRD	Phillips 66 Company	23.80	Nov. 22, 2021	Dec. 31, 2022
BCLCF307.2	HDRD	Phillips 66 Company	22.86	Jan. 1, 2023	Mar. 25, 2024
BCLCF307.3	HDRD	Phillips 66 Company	18.18	Mar. 26, 2024	Mar. 25, 2027
BCLCF308.0	HDRD	Phillips 66 Company	34.90	Jan. 11, 2021	Nov. 21, 2021
BCLCF308.1	HDRD	Phillips 66 Company	29.63	Nov. 22, 2021	Dec. 31, 2022
BCLCF308.2	HDRD	Phillips 66 Company	28.03	Jan. 1, 2023	Mar. 25, 2024
BCLCF308.3	HDRD	Phillips 66 Company	22.91	Mar. 26, 2024	Mar. 26, 2027
BCLCF309.0	HDRD	Sinclair Wyoming Refining Company	20.13	Mar. 2, 2021	Feb. 9, 2022
BCLCF309.1	HDRD	Sinclair Wyoming Refining Company	25.77	Feb. 10, 2022	Dec. 31, 2023



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF310.0	HDRD	ECO Biochemical Technology (Zhangjiagang) Company Limited	33.86	Oct. 30, 2020	Apr. 29, 2022
BCLCF311.0	Biodiesel	REG Mason, City, LLC	16.33	Mar. 12, 2021	Mar. 11, 2024
BCLCF311.1	Biodiesel	REG Mason City, LLC	2.74	Mar. 12, 2024	Mar. 11, 2027
BCLCF312.0	Biodiesel	REG Albert Lea, LLC	27.63	Mar. 12, 2021	Mar. 11, 2024
BCLCF312.1	Biodiesel	REG Albert Lea, LLC	13.84	Mar. 12, 2024	Mar. 11, 2027
BCLCF313.0	Biodiesel	REG Albert Lea, LLC	13.44	Mar. 12, 2021	Mar. 11, 2024
BCLCF313.1	Biodiesel	REG Albert Lea, LLC	1.61	Mar. 12, 2024	Mar. 11, 2027
BCLCF314.0	Biodiesel	Louis Dreyfus Company Claypool Holdings LLC	-8.83	May 4, 2021	May 3, 2024
BCLCF314.1	Biodiesel	Louis Dreyfus Company Claypool Holdings LLC	-17.39	May 4, 2024	May 3, 2027
BCLCF315.0	Biodiesel	Louis Dreyfus Company Claypool Holdings LLC	-7.25	May 4, 2021	May 3, 2024
BCLCF315.1	Biodisel	Louis Drefyus Company Claypool Holdings LLC	-14.89	May 4, 2024	May 3, 2027
C-BCLCF316.0	LNG	FortisBC Energy Inc.	63.92	Jan. 1, 2021	Dec. 31, 2023
C-BCLCF316.1	LNG	FortisBC Energy Inc.	65.34	Jan. 1, 2024	Dec. 31, 2026
BCLCF317.0	HDRD	REG Geismar, LLC	17.78	Mar. 12, 2021	Dec. 30, 2022
BCLCF317.1	HDRD	REG Geismar, LLC	19.79	Dec. 31, 2022	June 30, 2024
BCLCF317.2	HDRD	REG Geismar, LLC	17.36	July 1, 2024	June 30, 2027
BCLCF319.0	Biodiesel	REG Danville, LLC	27.42	Mar. 19, 2021	Mar. 18, 2024



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF319.1	Biodiesel	REG Danville, LLC	17.44	Mar. 19, 2024	Mar. 18, 2027
BCLCF320.0	Biodiesel	REG Danville, LLC	32.30	Mar. 19, 2021	Mar. 18, 2024
BCLCF320.1	Biodiesel	REG Danville, LLC	17.37	Mar. 19, 2024	Mar. 18, 2027
BCLCF321.0	Biodiesel	REG Danville, LLC	18.00	Mar. 19, 2021	Mar. 18, 2024
BCLCF321.1	Biodiesel	REG Danville, LLC	9.31	Mar. 19, 2024	Mar. 18, 2027
BCLCF322.0	Biodiesel	REG Danville, LLC	15.22	Mar. 19, 2021	Mar. 18, 2024
BCLCF322.1	Biodiesel	REG Danville, LLC	6.60	Mar. 19, 2024	Mar. 18, 2027
BCLCF323.0	Biodiesel	REG Danville, LLC	24.87	Mar. 19, 2021	Mar. 18, 2024
BCLCF323.1	Biodiesel	REG Danville, LLC	18.92	Mar. 19, 2024	Mar. 18, 2027
BCLCF324.0	Biodiesel	REG Newton, LLC	28.30	Mar. 19, 2021	Mar. 18, 2024
BCLCF324.1	Biodiesel	REG Newton, LLC	16.09	Mar. 19, 2024	Mar. 18, 2027
BCLCF325.0	Biodiesel	REG Newton, LLC	33.19	Mar. 19, 2021	Mar. 18, 2024
BCLCF325.1	Biodiesel	REG Newton, LLC	16.68	Mar. 19, 2024	Mar. 18, 2027
BCLCF326.0	Biodiesel	REG Newton, LLC	17.36	Mar. 19, 2021	Mar. 18, 2024
BCLCF326.1	Biodiesel	REG Newton, LLC	8.13	Mar. 19, 2024	Mar. 18, 2027
BCLCF327.0	Biodiesel	REG Newton, LLC	15.32	Mar. 19, 2021	Mar. 18, 2024
BCLCF327.1	Biodiesel	REG Newton, LLC	5.85	Mar. 19, 2024	Mar. 18, 2027
BCLCF328.0	Biodiesel	REG Newton, LLC	25.21	Mar. 19, 2021	Mar. 18, 2024
BCLCF328.1	Biodiesel	REG Newton, LLC	17.56	Mar. 19, 2024	Mar. 18, 2027
BCLCF329.0	HDRD	Neste Netherlands BV	27.66	June 10, 2021	Dec. 31, 2022
BCLCF330.0	HDRD	Neste Netherlands BV	34.62	June 10, 2021	Dec. 31, 2022



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF331.0	HDRD	Neste Netherlands BV	44.73	June 10, 2021	Dec. 31, 2022
BCLCF332.0	HDRD	Neste Netherlands BV	42.02	June 10, 2021	Dec. 31, 2022
BCLCF333.0	HDRD	AltAir Paramount LLC	23.69	June 24, 2021	Dec. 31, 2022
BCLCF333.1	HDRD	AltAir Paramount LLC	27.90	Jan. 1, 2023	Dec. 31, 2023
BCLCF334.0	Biodiesel	World Energy Rome, LLC	2.33	June 30, 2021	Dec. 29, 2022
BCLCF335.0	Biodiesel	World Energy Rome, LLC	6.97	June 30, 2021	Dec. 29, 2022
BCLCF336.0	Biodiesel	World Energy Rome, LLC	11.73	June 30, 2021	Dec. 29, 2022
BCLCF337.0	HDRD	Diamond Green Diesel, LLC	15.02	June 30, 2021	Dec. 28, 2022
BCLCF337.1	HDRD	Diamond Green Diesel LLC	22.08	Dec. 29, 2022	June 29, 2024
BCLCF338.0	HDRD	Diamond Green Diesel, LLC	22.64	June 30, 2021	Dec. 28, 2022
BCLCF338.1	HDRD	Diamond Green Diesel LLC	28.81	Dec. 29, 2022	June 29, 2024
C-BCLCF339.0	Hydrogen	HTEC Hydrogen Technology & Energy Corp	35.50	Feb. 1, 2021	Mar. 1, 2024
C-BCLCF339.1	Hydrogen	HTEC Hydrogen Technology & Energy Corp	21.45	Mar. 2, 2024	Mar. 1, 2025
BCLCF340.0	HDRD	Phillips 66 Company	30.68	Nov. 22, 2021	Dec. 31, 2022
BCLCF340.1	HDRD	Phillips 66 Company	29.11	Jan. 1, 2023	Mar. 25, 2024
BCLCF340.2	HDRD	Phillips 66 Company	24.49	Mar.26, 2024	Mar. 25, 2027
BCLCF341.0	HDRD	Phillips 66 Company	36.39	Nov. 22, 2021	Dec. 31, 2022
BCLCF341.1	HDRD	Phillips 66 Company	34.77	Jan. 1, 2023	Mar. 25, 2024
BCLCF341.2	HDRD	Phillips 66 Company	33.44	Mar. 26, 2024	Mar. 25, 2027
BCLCF342.0	HDRD	Phillips 66 Company	35.23	Nov. 22, 2021	Dec. 31, 2022

36 of 80 Approved Carbon Intensities - Archive



#### Low Carbon Fuels Act

## Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF342.1	HDRD	Phillips 66 Company	33.60	Jan. 1, 2023	Mar. 25, 2024
BCLCF342.2	HDRD	Phillips 66 Company	31.28	Mar. 26, 2024	Mar. 25, 2027
BCLCF343.0	HDRD	Phillips 66 Company	30.17	Nov. 22, 2021	Dec. 31, 2022
BCLCF343.1	HDRD	Phillips 66 Company	28.64	Jan. 1, 2023	Mar. 25, 2024
BCLCF343.2	HDRD	Phillips 66 Company	23.84	Mar. 26, 2024	Mar. 25, 2027
BCLCF344.0	HDRD	Phillips 66 Company	26.36	Nov. 22, 2021	Dec. 31, 2022
C-BCLCF345.0	Biodiesel	Canary Biofuels Inc.	10.09	June 2, 2022	June 1, 2023
C-BCLCF345.1	Biodiesel	Canary Biofuels Inc.	21.40	Dec. 31, 2023	Dec. 30, 2024
C-BCLCF346.0	Biodiesel	Canary Biofuels Inc.	10.70	June 2, 2022	June 1, 2023
C-BCLCF346.1	Biodiesel	Canary Biofuels Inc.	26.12	Dec. 31, 2023	Dec. 30, 2024
C-BCLCF347.0	Biodiesel	Canary Biofuels Inc.	5.34	June 2, 2022	June 1, 2023
C-BCLCF347.1	Biodiesel	Canary Biofuels Inc.	17.61	Dec. 31, 2023	Dec. 30, 2024
C-BCLCF348.0	Biodiesel	Canary Biofuels Inc.	18.13	June 2, 2022	June 1, 2023
C-BCLCF348.1	Biodiesel	Canary Biofuels Inc.	27.60	Dec. 31, 2023	Dec. 30, 2024
C-BCLCF349.0	Biodiesel	Canary Biofuels Inc.	14.88	June 2, 2022	June 1, 2023
C-BCLCF349.1	Biodiesel	Canary Biofuels Inc.	26.35	Dec. 31, 2023	Dec. 30, 2024
BCLCF350.0	Renewable Naphtha	Sinclair Wyoming Refining Company	25.92	Feb. 10, 2022	Dec. 31, 2023
BCLCF351.0	Renewable Naphtha	Sinclair Wyoming Refining Company	25.77	Feb. 10, 2022	Dec. 31, 2023
C-BCLCF352.0	Biodiesel	Consolidated Biofuels Ltd.	-6.41	Mar. 8, 2022	Dec. 31, 2023
C-BCLCF353.0	LNG	Seaspan Ferries Corp	63.68	Jan. 1, 2022	Dec. 31, 2023



#### Low Carbon Fuels Act

## Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF353.1	LNG	Seaspan Ferries Corp	64.19	Jan. 1, 2024	June 30, 2024
C-BCLCF353.2	LNG	Seaspan Ferries Corp	67.18	July 1, 2024	June 30, 2027
C-BCLCF354.0	LNG	Seaspan Ferries Corp	62.91	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF354.1	LNG	Seaspan Ferries Corp	66.43	Jan. 1, 2024	June 30, 2024
C-BCLCF354.2	LNG	Seaspan Ferries Corp	69.22	July 1, 2024	June 30, 2027
C-BCLCF355.0	LNG	British Columbia Ferries Inc.	63.68	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF355.1	LNG	British Columbia Ferries Inc	64.19	Jan 1, 2024	June 30, 2024
C-BCLCF355.2	LNG	British Columbia Ferries Inc	67.18	July 1, 2024	June 30, 2027
C-BCLCF356.0	LNG	British Columbia Ferries Inc.	62.91	Jan. 1, 2022	Dec. 31, 2023
C-BCLCF356.1	LNG	British Columbia Ferries Inc	66.43	Jan 1, 2024	June 30, 2024
C-BCLCF356.2	LNG	British Columbia Ferries Inc	69.22	July 1, 2024	June 30, 2027
C-BCLCF357.0	Propane	Superior Propane	65.81	Mar. 31, 2022	Mar. 8, 2023
C-BCLCF357.1	Propane	Superior Propane	64.88	Mar. 9, 2023	Mar. 8, 2024
C-BCLCF357.2	Propane	Superior Propane	71.21	Mar. 9, 2024	Mar. 8, 2025
C-BCLCF358.0	Ethanol	Co-op Ethanol Complex	60.24	Mar. 28, 2022	Dec. 31, 2023
C-BCLCF358.1	Ethanol	Co-op Ethanol Complex	33.99	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF359.0	Ethanol	Co-op Ethanol Complex	50.06	Mar. 28, 2022	Dec. 31, 2023
C-BCLCF359.1	Ethanol	Co-op Ethanol Complex	43.15	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF360.0	Ethanol	Co-op Ethanol Complex	63.64	Mar. 28, 2022	Dec. 31, 2023
C-BCLCF360.1	Ethanol	Co-op Ethanol Complex	72.13	Jan. 1, 2024	Dec. 31, 2026
BCLCF361.0	Ethanol	Blue Flint Ethanol	50.94	Apr. 13, 2022	Apr. 12, 2023



### Low Carbon Fuels Act

## Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF362.0	Biodiesel	ADM Agri-Industries	2.93	May 1, 2022	Dec. 31, 2023
C-BCLCF362.1	Biodiesel	ADM Agri-Industries Company	-1.00	Jan. 1, 2024	Dec. 31, 2026
BCLCF363.0	HDRD	Dakota Prairie Refining, LLC	19.55	Feb. 23, 2022	Feb. 22, 2023
BCLCF363.1	HDRD	Dakota Prairie Refining, LLC	17.28	Nov. 28, 2023	Nov. 27, 2026
BCLCF364.0	Renewable Naphtha	Dakota Prairie Refining, LLC	30.65	Feb. 23, 2022	Feb. 22, 2023
BCLCF365.0	Renewable Naphtha	Dakota Prairie Refining, LLC	26.46	Feb. 23, 2022	Feb. 22, 2023
BCLCF366.0	Renewable Naphtha	Dakota Prairie Refining, LLC	28.56	Feb. 23, 2022	Feb. 22, 2023
BCLCF367.0	Renewable Naphtha	Dakota Prairie Refining, LLC	19.55	Feb. 23, 2022	Feb. 22, 2023
BCLCF368.0	Biodiesel	REG Seneca, LLC	6.13	Jan. 1, 2023	Dec. 31, 2023
BCLCF369.0	Biodiesel	REG Seneca, LLC	24.64	Jan. 1, 2023	Dec. 31, 2023
BCLCF369.1	Biodiesel	REG Seneca, LLC	23.60	Jan. 1, 2024	Dec. 31, 2026
BCLCF370.0	Biodiesel	REG Seneca, LLC	15.75	Jan. 1, 2023	Dec. 31, 2023
BCLCF370.1	Biodiesel	REG Seneca, LLC	16.16	Jan. 1, 2024	Dec. 31, 2026
BCLCF371.0	Biodiesel	REG Seneca, LLC	9.42	Jan. 1, 2023	Dec. 31, 2023
BCLCF372.0	Biodiesel	REG Seneca, LLC	23.40	Jan. 1, 2023	Dec. 31, 2023
BCLCF372.1	Biodiesel	REG Seneca, LLC	15.16	Jan. 1, 2024	Dec. 31, 2026
BCLCF373.0	Biodiesel	REG Seneca, LLC	18.74	Jan. 1, 2023	Dec. 31, 2023
BCLCF373.1	Biodiesel	REG Seneca, LLC	14.30	Jan. 1, 2024	Dec. 31, 2026

39 of 80 Approved Carbon Intensities - Archive



#### Low Carbon Fuels Act

## Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF374.0	Biodiesel	REG Seneca, LLC	10.51	Jan. 1, 2023	Dec. 31, 2023
BCLCF374.1	Biodiesel	REG Seneca, LLC	6.60	Jan. 1, 2024	Dec. 31, 2026
BCLCF375.0	Ethanol	Red Trail Energy LLC	46.39	Aug. 15, 2022	Aug. 6, 2023
BCLCF375.1	Ethanol	Red Trail Energy LLC	44.32	Aug. 7, 2023	Aug. 6, 2026
BCLCF376.0	Ethanol	Red Trail Energy LLC	24.68	Aug. 15, 2022	Aug. 6, 2023
BCLCF376.1	Ethanol	Red Trail Energy LLC	18.86	Aug. 7, 2023	Aug. 6, 2026
C-BCLCF377.0	Hydrogen	HTEC Hydrogen Technology & Energy Corp	28.50	Nov. 1, 2023	June 30, 2024
BCLCF378.0	Ethanol	POET Biorefining	35.70	Oct. 7, 2022	Jan. 18, 2024
BCLCF378.1	Ethanol	POET Biorefining	32.97	Jan. 19, 2024	Jan. 18, 2027
BCLCF379.0	Renewable Naphtha	Cheyenne Renewable Diesel Company, LLC	33.52	Aug. 4, 2022	Aug. 3, 2023
BCLCF379.1	Renewable Naphtha	Cheyenne Renewable Diesel Company, LLC	27.62	Sep. 25, 2023	Sep. 24, 2024
BCLCF379.2	Renewable Naphtha	Cheyenne Renewable Diesel Company, LLC	30.09	Sep. 25, 2024	Sep. 24, 2027
BCLCF380.0	Renewable Naphtha	Cheyenne Renewable Diesel Company, LLC	28.87	Aug. 4, 2022	Aug. 3, 2023
BCLCF380.1	Renewable Naphtha	Cheyenne Renewable Diesel Company, LLC	28.02	Sep. 25, 2023	Sep. 24, 2024
BCLCF380.2	Renewable Naphtha	Cheyenne Renewable Diesel Company, LLC	29.49	Sep. 25, 2024	Sep 24, 2027



### Low Carbon Fuels Act

## Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF381.0	Biodiesel	REG Madison LLC	26.77	Jan. 1, 2023	Dec. 31, 2023
BCLCF381.1	Biodiesel	REG Madison LLC	20.85	Jan. 1, 2024	Dec. 31, 2026
BCLCF382.0	Biodiesel	REG Madison LLC	30.85	Jan. 1, 2023	Dec. 31, 2023
BCLCF382.1	Biodiesel	REG Madison LLC	20.91	Jan. 1, 2024	Dec. 31, 2026
BCLCF383.0	Ethanol	Bonanza BioEnergy	24.78	Oct. 28, 2022	Feb. 11, 2024
BCLCF383.1	Ethanol	Bonanza BioEnergy	19.42	Feb. 12, 2024	Feb. 11, 2025
BCLCF384.0	Ethanol	Bonanza BioEnergy	23.33	Oct. 28, 2022	Apr. 28, 2024
BCLCF385.0	Ethanol	Bonanza BioEnergy	21.89	Oct. 28, 2022	Feb.11, 2024
BCLCF385.1	Ethanol	Bonanza BioEnergy	16.33	Feb. 12, 2024	Feb. 11, 2025
BCLCF387.0	HDRD	Montana Renewables, LLC	12.18	June 13, 2022	June 11, 2023
BCLCF387.1	HDRD	Montana Renewables, LLC	21.15	June 12, 2023	June 10, 2024
BCLCF387.2	HDRD	Montana Renewables, LLC	22.82	June 11, 2024	June 10, 2027
BCLCF388.0	HDRD	Montana Renewables, LLC	22.36	June 13, 2022	June 11, 2023
BCLCF388.1	HDRD	Montana Renewables, LLC	21.15	June 12, 2023	June 12, 2024
BCLCF388.2	HDRD	Montana Renewables, LLC	25.39	June 11, 2024	June 10, 2027
BCLCF389.0	HDRD	Montana Renewables, LLC	19.07	June 13, 2022	June 11, 2023
BCLCF389.1	HDRD	Montana Renewables, LLC	25.63	June 12, 2023	June 10, 2024
BCLCF389.2	HDRD	Montana Renewables, LLC	25.64	June 11, 2024	June 10, 2027
BCLCF390.0	HDRD	Montana Renewables, LLC	23.42	June 13, 2022	June 11, 2023
BCLCF390.1	HDRD	Montana Renewables, LLC	28.62	June 12, 2023	June 10, 2024
BCLCF390.2	HDRD	Montana Renewables, LLC	27.07	June 11, 2024	June 10, 2027



#### Low Carbon Fuels Act

## Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF391.0	HDRD	Montana Renewables, LLC	32.24	June 13, 2022	June 11, 2023
BCLCF391.1	HDRD	Montana Renewables, LLC	37.28	June 12, 2023	June 10, 2024
BCLCF391.2	HDRD	Montana Renewables, LLC	35.30	June 11, 2024	June 10, 2027
BCLCF392.0	HDRD	Montana Renewables, LLC	16.10	June 13, 2022	June 11, 2023
BCLCF392.1	HDRD	Montana Renewables, LLC	21.29	June 12, 2023	June 10, 2024
BCLCF392.2	HDRD	Montana Renewables, LLC	19.43	June 11, 2024	June 10, 2027
BCLCF393.0	HDRD	Montana Renewables, LLC	26.75	June 13, 2022	June 11, 2023
BCLCF393.1	HDRD	Montana Renewables, LLC	31.98	June 12, 2023	June 10, 2024
BCLCF393.2	HDRD	Montana Renewables, LLC	26.81	June 11, 2024	June 10, 2027
BCLCF394.0	HDRD	Montana Renewables, LLC	26.81	June 13, 2022	June 11, 2023
BCLCF394.1	HDRD	Montana Renewables, LLC	33.64	June 12, 2023	June 10, 2024
BCLCF394.2	HDRD	Montana Renewables, LLC	28.03	June 11, 2024	June 10, 2027
BCLCF395.0	HDRD	Montana Renewables, LLC	20.91	June 13, 2022	June 11, 2023
BCLCF395.1	HDRD	Montana Renewables, LLC	26.11	June 12, 2023	June 10, 2024
BCLCF395.2	HDRD	Montana Renewables, LLC	21.44	June 11, 2024	June 10, 2027
BCLCF396.0	HDRD	Diamond Green Diesel LLC	32.94	Oct. 27, 2022	Oct. 26, 2023
BCLCF396.1	HDRD	Diamond Green Diesel LLC	27.62	Oct. 27, 2023	Oct. 26, 2024
BCLCF396.2	HDRD	Diamond Green Diesel LLC	27.02	Oct. 27, 2024	Oct. 26, 2025
BCLCF397.0	Renewable Naphtha	Diamond Green Diesel LLC	32.94	Oct. 27, 2022	Oct. 26, 2023
BCLCF397.1	Renewable Naphtha	Diamond Green Diesel LLC	27.62	Oct. 27, 2023	Oct. 26, 2024

42 of 80 Approved Carbon Intensities - Archive



#### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF397.2	Renewable Naphtha	Diamond Green Diesel LLC	27.68	Oct. 27, 2024	Oct. 26, 2025
BCLCF398.0	HDRD	Diamond Green Diesel LLC	27.60	Oct. 27, 2022	Oct. 26, 2023
BCLCF398.1	HDRD	Diamond Green Diesel LLC	27.61	Oct. 27, 2023	Oct. 26, 2024
BCLCF398.2	HDRD	Diamond Green Diesel LLC	23.92	Oct. 27, 2024	Oct. 26, 2025
BCLCF399.0	Renewable Naphtha	Diamond Green Diesel LLC	27.60	Oct. 27, 2022	Oct. 26, 2023
BCLCF399.1	Renewable Naphtha	Diamond Green Diesel LLC	27.61	Oct. 27, 2023	Oct. 26, 2024
BCLCF399.2	Renewable Naphtha	Diamond Green Diesel LLC	24.57	Oct. 27, 2024	Oct. 26, 2025
BCLCF400.0	HDRD	Diamond Green Diesel LLC	33.56	Oct. 27, 2022	Oct. 26, 2023
BCLCF400.1	HDRD	Diamond Green Diesel LLC	28.54	Oct. 27, 2023	Oct. 26, 2024
BCLCF400.2	HDRD	Diamond Green Diesel LLC	28.45	Oct. 27, 2024	Oct. 26, 2025
BCLCF401.0	Renewable Naphtha	Diamond Green Diesel LLC	33.56	Oct. 27, 2022	Oct. 26, 2023
BCLCF401.1	Renewable Naphtha	Diamond Green Diesel LLC	28.54	Oct. 27, 2023	Oct. 26, 2024
BCLCF401.2	Renewable Naphtha	Diamond Green Diesel LLC	29.10	Oct. 27, 2024	Oct. 26, 2025
BCLCF402.0	HDRD	Diamond Green Diesel LLC	29.36	Oct. 27, 2022	Oct. 26, 2023
BCLCF402.1	HDRD	Diamond Green Diesel LLC	28.04	Oct. 27, 2023	Oct. 26, 2024



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF402.2	HDRD	Diamond Green Diesel LLC	28.22	Oct. 27, 2024	Oct. 26, 2025
BCLCF403.0	Renewable Naphtha	Diamond Green Diesel LLC	29.36	Oct. 27, 2022	Oct. 26, 2023
BCLCF403.1	Renewable Naphtha	Diamond Green Diesel LLC	28.04	Oct. 27, 2023	Oct. 26, 2024
BCLCF403.2	Renewable Naphtha	Diamond Green Diesel LLC	28.87	Oct. 27, 2024	Oct. 26, 2025
BCLCF404.0	HDRD	Diamond Green Diesel LLC	22.56	Oct. 27, 2022	Oct. 26, 2023
BCLCF404.1	HDRD	Diamond Green Diesel LLC	20.37	Oct. 27, 2023	Oct. 26, 2024
BCLCF404.2	HDRD	Diamond Green Diesel LLC	20.33	Oct. 27, 2024	Oct. 26, 2025
BCLCF405.0	Renewable Naphtha	Diamond Green Diesel LLC	22.56	Oct. 27, 2022	Oct. 26, 2023
BCLCF405.1	Renewable Naphtha	Diamond Green Diesel LLC	20.37	Oct. 27, 2023	Oct. 26, 2024
BCLCF405.2	Renewable Naphtha	Diamond Green Diesel LLC	20.99	Oct. 27, 2024	Oct. 26, 2025
C-BCLCF406.0	HDRD	Tidewater Renewables Ltd.	9.17	May 15, 2023	May 14, 2024
C-BCLCF406.1	HDRD	Tidewater Renewables Ltd.	8.48	July 1, 2024	June 30, 2025
C-BCLCF407.0	HDRD	Tidewater Renewables Ltd.	8.35	May 15, 2023	May 14, 2024
C-BCLCF407.1	HDRD	Tidewater Renewables Ltd.	7.76	July 1, 2024	June 30, 2025
C-BCLCF408.0	HDRD	Tidewater Renewables Ltd.	8.04	May 15, 2023	May 14, 2024
C-BCLCF408.1	HDRD	Tidewater Renewables Ltd.	7.55	July 1, 2024	June 30, 2025



#### Low Carbon Fuels Act

## Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF409.0	HDRD	Tidewater Renewables Ltd.	8.08	May 15, 2023	May 14, 2024
C-BCLCF409.1	HDRD	Tidewater Renewables Ltd.	7.58	July 1, 2024	June 30, 2025
C-BCLCF410.0	HDRD	Tidewater Renewables Ltd.	6.45	May 15, 2023	May 14, 2024
C-BCLCF410.1	HDRD	Tidewater Renewables Ltd.	5.96	July 1, 2024	June 30, 2025
C-BCLCF411.0	HDRD	Tidewater Renewables Ltd.	8.28	May 15, 2023	May 14, 2024
C-BCLCF411.1	HDRD	Tidewater Renewables Ltd.	6.65	July 1, 2024	June 30, 2025
C-BCLCF412.0	HDRD	Tidewater Renewables Ltd.	12.25	May 15, 2023	May 14, 2024
C-BCLCF412.1	HDRD	Tidewater Renewables Ltd.	14.56	July 1, 2024	June 30, 2025
C-BCLCF413.0	HDRD	Tidewater Renewables Ltd.	15.53	May 15, 2023	May 14, 2024
C-BCLCF413.1	HDRD	Tidewater Renewables Ltd.	16.26	July 1, 2024	June 30, 2025
C-BCLCF414.0	HDRD	Tidewater Renewables Ltd.	-24.22	May 15, 2023	May 14, 2024
C-BCLCF414.1	HDRD	Tidewater Renewables Ltd.	14.62	July 1, 2024	June 30, 2025
C-BCLCF415.0	HDRD	Tidewater Renewables Ltd.	-11.70	May 15, 2023	May 14, 2024
C-BCLCF415.1	HDRD	Tidewater Renewables Ltd.	14.49	July 1, 2024	June 30, 2025
C-BCLCF416.0	HDRD	Tidewater Renewables Ltd.	16.70	May 15, 2023	May 14, 2024
C-BCLCF416.1	HDRD	Tidewater Renewables Ltd.	20.21	July 1, 2024	June 30, 2025
C-BCLCF417.0	HDRD	Tidewater Renewables Ltd.	13.81	May 15, 2023	May 14, 2024
C-BCLCF417.1	HDRD	Tidewater Renewables Ltd.	13.06	July 1, 2024	June 30, 2025
C-BCLCF418.0	HDRD	Tidewater Renewables Ltd.	19.24	May 15, 2023	May 14, 2024
C-BCLCF418.1	HDRD	Tidewater Renewables Ltd.	15.86	July 1, 2024	June 30, 2025
C-BCLCF419.0	HDRD	Tidewater Renewables Ltd.	25.26	May 15, 2023	May 14, 2024



#### Low Carbon Fuels Act

## Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF419.1	HDRD	Tidewater Renewables Ltd.	14.31	July 1, 2024	June 30, 2025
C-BCLCF420.0	HDRD	Tidewater Renewables Ltd.	21.81	May 15, 2023	May 14, 2024
C-BCLCF420.1	HDRD	Tidewater Renewables Ltd.	18.66	July 1, 2024	June 30, 2025
C-BCLCF421.0	HDRD	Tidewater Renewables Ltd.	7.56	May 15, 2023	May 14, 2024
C-BCLCF421.1	HDRD	Tidewater Renewables Ltd.	12.03	July 1, 2024	June 30, 2025
C-BCLCF422.0	HDRD	Tidewater Renewables Ltd.	19.79	May 15, 2023	May 14, 2024
C-BCLCF422.1	HDRD	Tidewater Renewables Ltd.	16.56	July 1, 2024	June 30, 2025
C-BCLCF423.0	HDRD	Tidewater Renewables Ltd.	23.37	May 15, 2023	May 14, 2024
C-BCLCF423.1	HDRD	Tidewater Renewables Ltd.	15.47	July 1, 2024	June 30, 2025
C-BCLCF424.0	HDRD	Tidewater Renewables Ltd.	11.86	May 15, 2023	May 14, 2024
C-BCLCF424.1	HDRD	Tidewater Renewables Ltd.	9.10	July 1, 2024	June 30, 2025
C-BCLCF425.0	HDRD	Tidewater Renewables Ltd.	16.91	May 15, 2023	May 14, 2024
C-BCLCF425.1	HDRD	Tidewater Renewables Ltd.	8.52	July 1, 2024	June 30, 2025
C-BCLCF426.0	HDRD	Tidewater Renewables Ltd.	13.92	May 15, 2023	May 14, 2024
C-BCLCF426.1	HDRD	Tidewater Renewables Ltd.	13.44	July 1, 2024	June 30, 2025
C-BCLCF427.0	HDRD	Tidewater Renewables Ltd.	10.76	May 15, 2023	June 30, 2024
C-BCLCF427.1	HDRD	Tidewater Renewables Ltd.	10.05	July 1, 2024	June 30, 2025
C-BCLCF428.0	HDRD	Tidewater Renewables Ltd.	9.96	May 15, 2023	May 14, 2024
C-BCLCF428.1	HDRD	Tidewater Renewables Ltd.	9.36	July 1, 2024	June 30, 2025
C-BCLCF429.0	HDRD	Tidewater Renewables Ltd.	9.66	May 15, 2023	June 30, 2024
C-BCLCF429.1	HDRD	Tidewater Renewables Ltd.	9.16	July 1, 2024	June 30, 2025



#### Low Carbon Fuels Act

## Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF430.0	HDRD	Tidewater Renewables Ltd.	9.70	May 15, 2023	June 30, 2024
C-BCLCF430.1	HDRD	Tidewater Renewables Ltd.	9.18	July 1, 2024	June 30, 2025
C-BCLCF431.0	HDRD	Tidewater Renewables Ltd.	8.13	May 15, 2023	June 30, 2024
C-BCLCF431.1	HDRD	Tidewater Renewables Ltd.	7.61	July 1, 2024	June 30, 2025
C-BCLCF432.0	HDRD	Tidewater Renewables Ltd.	9.60	May 15, 2023	June 30, 2024
C-BCLCF432.1	HDRD	Tidewater Renewables Ltd.	8.28	July 1, 2024	June 30, 2025
C-BCLCF433.0	HDRD	Tidewater Renewables Ltd.	13.74	May 15, 2023	May 14, 2024
C-BCLCF433.1	HDRD	Tidewater Renewables Ltd.	15.96	July 1, 2024	June 30, 2025
C-BCLCF434.0	HDRD	Tidewater Renewables Ltd.	16.92	May 15, 2023	May 14, 2024
C-BCLCF434.1	HDRD	Tidewater Renewables Ltd.	17.60	July 1, 2024	June 30, 2025
C-BCLCF435.0	HDRD	Tidewater Renewables Ltd.	-21.59	May 15, 2023	June 30, 2024
C-BCLCF435.1	HDRD	Tidewater Renewables Ltd.	16.01	July 1, 2024	June 30, 2025
C-BCLCF436.0	HDRD	Tidewater Renewables Ltd.	-9.47	May 15, 2023	June 30, 2024
C-BCLCF436.1	HDRD	Tidewater Renewables Ltd.	15.89	July 1, 2024	June 30, 2025
C-BCLCF437.0	HDRD	Tidewater Renewables Ltd.	18.05	May 15, 2023	May 14, 2024
C-BCLCF437.1	HDRD	Tidewater Renewables Ltd.	21.44	July 1, 2024	June 30, 2025
C-BCLCF438.0	HDRD	Tidewater Renewables Ltd.	15.26	May 15, 2023	June 30, 2024
C-BCLCF438.1	HDRD	Tidewater Renewables Ltd.	14.49	July 1, 2024	June 30, 2025
C-BCLCF439.0	HDRD	Tidewater Renewables Ltd.	20.52	May 15, 2023	June 30, 2024
C-BCLCF439.1	HDRD	Tidewater Renewables Ltd.	17.22	July 1, 2024	June 30, 2025
C-BCLCF440.0	HDRD	Tidewater Renewables Ltd.	26.36	May 15, 2023	June 30, 2024



### Low Carbon Fuels Act

## Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF440.1	HDRD	Tidewater Renewables Ltd.	15.71	July 1, 2024	June 30, 2025
C-BCLCF441.0	HDRD	Tidewater Renewables Ltd.	23.01	May 15, 2023	May 14, 2024
C-BCLCF441.1	HDRD	Tidewater Renewables Ltd.	19.93	July 1, 2024	June 30, 2025
C-BCLCF442.0	HDRD	Tidewater Renewables Ltd.	9.20	May 15, 2023	May 14, 2024
C-BCLCF442.1	HDRD	Tidewater Renewables Ltd.	13.50	July 1, 2024	June 30, 2025
C-BCLCF443.0	HDRD	Tidewater Renewables Ltd.	21.05	May 15, 2023	May 14, 2024
C-BCLCF443.1	HDRD	Tidewater Renewables Ltd.	17.90	July 1, 2024	June 30, 2025
C-BCLCF444.0	HDRD	Tidewater Renewables Ltd.	24.52	May 15, 2023	May 14, 2024
C-BCLCF444.1	HDRD	Tidewater Renewables Ltd.	16.84	July 1, 2024	June 30, 2025
C-BCLCF445.0	HDRD	Tidewater Renewables Ltd.	13.37	May 15, 2023	June 30, 2024
C-BCLCF445.1	HDRD	Tidewater Renewables Ltd.	10.66	July 1, 2024	June 30, 2025
C-BCLCF446.0	HDRD	Tidewater Renewables Ltd.	18.26	May 15, 2023	June 30, 2024
C-BCLCF446.1	HDRD	Tidewater Renewables Ltd.	10.10	July 1, 2024	June 30, 2025
C-BCLCF447.0	HDRD	Tidewater Renewables Ltd.	15.37	May 15, 2023	June 30, 2024
C-BCLCF447.1	HDRD	Tidewater Renewables Ltd.	14.86	July 1, 2024	June 30, 2025
C-BCLCF448.0	Renewable Naphtha	Tidewater Renewables Ltd.	10.76	May 15, 2023	May 14, 2024
C-BCLCF448.1	Renewable Naphtha	Tidewater Renewables Ltd.	10.05	July 1, 2024	June 30, 2025
C-BCLCF449.0	Renewable Naphtha	Tidewater Renewables Ltd.	9.96	May 15, 2023	May 14, 2024



### Low Carbon Fuels Act

Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF449.1	Renewable Naphtha	Tidewater Renewables Ltd.	9.36	July 1, 2024	June 30, 2025
C-BCLCF450.0	Renewable Naphtha	Tidewater Renewables Ltd.	9.66	May 15, 2023	May 14, 2024
C-BCLCF450.1	Renewable Naphtha	Tidewater Renewables Ltd.	9.16	July 1, 2024	June 30, 2025
C-BCLCF451.0	Renewable Naphtha	Tidewater Renewables Ltd.	9.70	May 15, 2023	May 14, 2024
C-BCLCF451.1	Renewable Naphtha	Tidewater Renewables Ltd.	9.18	July 1, 2024	June 30, 2025
C-BCLCF452.0	Renewable Naphtha	Tidewater Renewables Ltd.	8.13	May 15, 2023	May 14, 2024
C-BCLCF452.1	Renewable Naphtha	Tidewater Renewables Ltd.	7.61	July 1, 2024	June 30, 2025
C-BCLCF453.0	Renewable Naphtha	Tidewater Renewables Ltd.	9.60	May 15, 2023	May 14, 2024
C-BCLCF453.1	HDRD	Tidewater Renewables Ltd.	8.28	July 1, 2024	June 30, 2025
C-BCLCF454.0	Renewable Naphtha	Tidewater Renewables Ltd.	13.74	May 15, 2023	May 14, 2024
C-BCLCF454.1	Renewable Naphtha	Tidewater Renewables Ltd.	15.96	July 1, 2024	June 30, 2025
C-BCLCF455.0	Renewable Naphtha	Tidewater Renewables Ltd.	16.92	May 15, 2023	May 14, 2024

49 of 80 Approved Carbon Intensities - Archive



### Low Carbon Fuels Act

Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF455.1	Renewable Naphtha	Tidewater Renewables Ltd.	17.60	July 1, 2024	June 30, 2025
C-BCLCF456.0	Renewable Naphtha	Tidewater Renewables Ltd.	-21.59	May 15, 2023	May 14, 2024
C-BCLCF456.1	Renewable Naphtha	Tidewater Renewables Ltd.	16.01	July 1, 2024	June 30, 2025
C-BCLCF457.0	Renewable Naphtha	Tidewater Renewables Ltd.	-9.47	May 15, 2023	May 14, 2024
C-BCLCF457.1	Renewable Naphtha	Tidewater Renewables Ltd.	15.89	July 1, 2024	June 30, 2025
C-BCLCF458.0	Renewable Naphtha	Tidewater Renewables Ltd.	18.05	May 15, 2023	May 14, 2024
C-BCLCF458.1	Renewable Naphtha	Tidewater Renewables Ltd.	21.44	July 1, 2024	June 30, 2025
C-BCLCF459.0	Renewable Naphtha	Tidewater Renewables Ltd.	15.26	May 15, 2023	May 14, 2024
C-BCLCF459.1	Renewable naphtha	Tidewater Renewables Ltd.	14.49	July 1, 2024	June 30, 2025
C-BCLCF460.0	Renewable Naphtha	Tidewater Renewables Ltd.	20.52	May 15, 2023	May 14, 2024
C-BCLCF460.1	Renewable Naphtha	Tidewater Renewables Ltd.	17.22	July 1, 2024	June 30, 2025



### Low Carbon Fuels Act

Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF461.0	Renewable Naphtha	Tidewater Renewables Ltd.	26.36	May 15, 2023	May 14, 2024
C-BCLCF461.1	Renewable Naphtha	Tidewater Renewables Ltd.	15.71	July 1, 2024	June 30, 2025
C-BCLCF462.0	Renewable Naphtha	Tidewater Renewables Ltd.	23.01	May 15, 2023	May 14, 2024
C-BCLCF462.1	Renewable Naphtha	Tidewater Renewables Ltd.	19.93	July 1, 2024	June 30, 2025
C-BCLCF463.0	Renewable Naphtha	Tidewater Renewables Ltd.	9.20	May 15, 2023	May 14, 2024
C-BCLCF463.1	Renewable Naphtha	Tidewater Renewables Ltd.	13.50	July 1, 2024	June 30, 2025
C-BCLCF464.0	Renewable Naphtha	Tidewater Renewables Ltd.	21.05	May 15, 2023	May 14, 2024
C-BCLCF464.1	Renewable Naphtha	Tidewater Renewables Ltd.	17.90	July 1, 2024	June 30, 2025
C-BCLCF465.0	Renewable Naphtha	Tidewater Renewables Ltd.	24.52	May 15, 2023	May 14, 2024
C-BCLCF465.1	Renewable Naphtha	Tidewater Renewables Ltd.	16.84	July 1, 2024	June 30, 2025
C-BCLCF466.0	Renewable Naphtha	Tidewater Renewables Ltd.	13.37	May 15, 2023	May 14, 2024



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF466.1	Renewable Naphtha	Tidewater Renewables Ltd.	10.66	July 1, 2024	June 30, 2025
C-BCLCF467.0	Renewable Naphtha	Tidewater Renewables Ltd.	18.26	May 15, 2023	May 14, 2024
C-BCLCF467.1	Renewable Naphtha	Tidewater Renewables Ltd.	10.10	July 1, 2024	June 30, 2025
C-BCLCF468.0	Renewable Naphtha	Tidewater Renewables Ltd.	15.37	May 15, 2023	May 14, 2024
C-BCLCF468.1	Renewable Naphtha	Tidewater Renewables Ltd.	14.86	July 1, 2024	June 30, 2025
BCLCF469.0	HDRD	BP Products North America Inc.	26.65	June 1, 2023	May 31, 2024
BCLCF469.1	HDRD	BP Products North America Inc.	23.95	June 1, 2024	May 31, 2025
BCLCF470.0	HDRD	BP Products North America Inc.	27.93	June 1, 2023	May 31, 2024
BCLCF470.1	HDRD	<b>BP Products North America Inc</b>	24.16	June 1, 2024	May 31, 2025
BCLCF471.0	HDRD	BP Products North America Inc.	25.64	June 1, 2023	May 31, 2024
BCLCF471.1	HDRD	BP Products Norh America Inc.	26.18	June 1, 2024	May 31, 2025
BCLCF472.0	HDRD	BP Products North America Inc.	28.87	June 1, 2023	May 31, 2024
BCLCF472.1	HDRD	BP Products North America Inc.	24.27	June 1, 2024	May 31, 2025
BCLCF473.0	Ethanol	Blue Flint Ethanol LLC	9.39	July 1, 2023	Aug. 8, 2024
BCLCF473.1	Ethanol	Blue Flint Ethanol LLC	0.43	Aug. 9, 2024	Aug. 8, 2025
BCLCF474.0	Ethanol	Blue Flint Ethanol LLC	24.80	July 1, 2023	June 30, 2024



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF475.0	Hydrogen	HEG Holdings Corp. / Hydra Energy Canada Corp.	26.64	July 1, 2023	June 30, 2024
C-BCLCF475.1	Hydrogen	HEG Holdings Corp./ Hydra Energy Canada Corp.	17.00	July 1, 2024	June 30, 2025
C-BCLCF476.0	Propane	Superior Propane	73.96	Jan. 1, 2023	Jan. 1, 2024
C-BCLCF476.1	Propane	Superior Propane	77.69	Jan. 2, 2024	Jan. 1, 2025
BCLCF477.0	Ethanol	Big River United Energy LLC	45.86	Mar. 13, 2023	Mar. 12, 2024
C-BCLCF478.0	CNG	FortisBC Energy Inc.	6.30	Aug. 5, 2022	Aug. 4, 2023
C-BCLCF478.1	CNG	FortisBC Energy Inc.	21.02	Aug. 5, 2023	Aug. 4, 2026
BCLCF479.0	Renewable Naphtha	AltAir Paramount LLC	27.90	Jan. 1, 2023	Dec. 31, 2023
BCLCF480.0	Ethanol	Archer Daniels Midland Company	62.99	June 8, 2023	June 7, 2024
BCLCF481.0	HDRD	Phillips 66 Company	20.49	Jan. 1, 2023	Dec. 31, 2023
BCLCF482.0	Ethanol	POET Biorefining	41.39	July 18, 2023	July 17, 2026
BCLCF483.0	Renewable Naphtha	REG Geismar, LLC	21.96	Dec. 31, 2022	June 30, 2024
BCLCF483.1	Renewable Naphtha	REG Geismar, LLC	19.31	Jul. 1, 2024	June 30, 2027
BCLCF484.0	Renewable Naphtha	REG Geismar, LLC	27.63	Dec. 31, 2022	June 30, 2024
BCLCF484.1	Renewable Naphtha	REG Geismar, LLC	26.96	Jul. 1, 2024	June 30, 2027



#### Low Carbon Fuels Act

Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF485.0	Renewable Naphtha	REG Geismar, LLC	34.13	Dec. 31, 2022	June 30, 2024
BCLCF485.1	Renewable Naphtha	REG Geismar, LLC	28.27	Jul. 1 2024	June 30, 2027
BCLCF486.0	Renewable Naphtha	REG Geismar, LLC	30.61	Dec. 31, 2022	June 30, 2024
BCLCF487.0	Renewable Naphtha	REG Geismar, LLC	22.13	Dec. 31, 2022	June 30, 2024
BCLCF487.1	Renewable Naphtha	REG Geismar, LLC	20.28	July 1, 2024	June 30, 2027
BCLCF488.0	Renewable Naphtha	REG Geismar, LLC	23.91	Dec. 31, 2022	June 30, 2024
BCLCF488.1	Renewable Naphtha	REG Geismar, LLC	24.14	July 1, 2024	June 30, 2027
BCLCF489.0	Renewable Naphtha	REG Geismar, LLC	19.79	Dec. 31, 2022	June 30, 2024
BCLCF489.1	Renewable Naphtha	REG Geismar, LLC	17.36	July 1, 2024	June 30, 2027
BCLCF490.0	HDRD	REG Geismar, LLC	19.67	Dec. 31, 2022	June 30, 2024
BCLCF490.1	HDRD	REG Geismar, LLC	21.11	July 1, 2024	June 30, 2027
BCLCF491.0	Renewable Naphtha	REG Geismar, LLC	19.67	Dec. 31, 2022	June 30, 2024



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF491.1	Renewable Naphtha	REG Geismar, LLC	21.11	Jully 1, 2024	June 30, 2027
BCLCF492.0	HDRD	Bakersfield Renewable Fuels LLC	30.56	Feb. 9, 2023	Feb. 8, 2024
BCLCF492.1	HDRD	Bakersfield Renewable Fuels LLC	26.29	June 25, 2024	June 24, 2025
BCLCF493.0	Renewable Naphtha	Bakersfield Renewable Fuels LLC	30.56	Feb. 9, 2023	Feb. 8, 2024
BCLCF493.1	Renewable Naphtha	Bakersfield Renewable Fuels LLC	26.81	June 25, 2024	June 24, 2025
BCLCF494.0	HDRD	Bakersfield Renewable Fuels LLC	25.59	Feb. 9, 2023	Feb. 8, 2024
BCLCF494.1	HDRD	Bakersfield Renewable Fuels LLC	42.91	June 25, 2024	June 24, 2025
BCLCF495.0	Renewable Naphtha	Bakersfield Renewable Fuels LLC	25.59	Feb. 9, 2023	Feb. 8, 2024
BCLCF495.1	Renewable Naphtha	Bakersfield Renewable Fuels LLC	43.44	June 25, 2024	June 24, 2025
BCLCF496.0	HDRD	Artesia Renewable Diesel Company LLC	29.34	May 8, 2023	May 7, 2024
BCLCF496.1	HDRD	Artesia Renewable Diesel Company LLC	27.55	May 15, 2024	May 14, 2027
BCLCF497.0	Renewable Naphtha	Artesia Renewable Diesel Company LLC	29.34	May 8, 2023	May 7, 2024
BCLCF497.1	Renewable Naphtha	Artesia Renewable Diesel Company LLC	28.11	May 15, 2024	May 14, 2027
BCLCF498.0	HDRD	Artesia Renewable Diesel Company LLC	29.63	May 8, 2023	May 7, 2024
BCLCF498.1	HDRD	Artesia Renewable Diesel Company LLC	26.27	May 15, 2024	May 14, 2027



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF499.0	Renewable Naphtha	Artesia Renewable Diesel Company LLC	29.63	May 8, 2023	May 7, 2024
BCLCF499.1	Renewable Naphtha	Artesia Renewable Diesel Company LLC	26.82	May 15, 2024	May 14, 2027
BCLCF500.0	HDRD	Artesia Renewable Diesel Company LLC	25.62	May 8, 2023	May 7, 2024
BCLCF500.1	HDRD	Artesia Renewable Diesel Company LLC	26.52	May 15, 2024	May 14, 2027
BCLCF501.0	Renewable Naphtha	Artesia Renewable Diesel Company LLC	25.62	May 8, 2023	May 7, 2024
BCLCF501.1	Renewable Naphtha	Artesia Renewable Diesel Company LLC	27.08	May 15, 2024	May 14, 2027
C-BCLCF502.0	LNG	FortisBC Energy Inc.	17.04	Dec. 16, 2022	Dec. 31, 2023
C-BCLCF502.1	LNG	FortisBC Energy Inc.	25.55	Jan. 1, 2024	Dec. 31, 2026
BCLCF503.0	Renewable Naphtha	Diamond Green Diesel LLC	24.72	Dec. 16, 2022	June 29, 2024
BCLCF503.1	Renewable Naphtha	Diamond Green Diesel LLC	25.07	June 30, 2024	June 30, 2027
BCLCF504.0	Renewable Naphtha	Diamond Green Diesel LLC	17.65	Dec. 16, 2022	June 29, 2024
BCLCF504.1	Renewable Naphtha	Diamond Green Diesel LLC	17.18	June 30, 2024	June 30, 2027
BCLCF505.0	Renewable Naphtha	Diamond Green Diesel LLC	28.63	Dec. 16, 2022	June 29, 2024



### Low Carbon Fuels Act

Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF505.1	Renewable Naphtha	Diamond Green Diesel LLC	25.07	June 30, 2024	June 30, 2027
BCLCF506.0	Renewable Naphtha	Diamond Green Diesel LLC	28.09	Dec. 16, 2022	June 29, 2024
BCLCF506.1	Renewable Naphtha	Diamond Green Diesel LLC	23.90	June 30, 2024	June 30, 2027
BCLCF507.0	Renewable Naphtha	Diamond Green Diesel LLC	22.08	Dec. 16, 2022	June 29, 2024
BCLCF508.0	Renewable Naphtha	Diamond Green Diesel LLC	28.81	Dec. 16, 2022	June 29, 2024
BCLCF509.0	HDRD	Diamond Green Diesel LLC	23.36	Dec. 16, 2022	June 29, 2024
BCLCF509.1	HDRD	Diamond Green Diesel LLC	19.81	June 30, 2024	June 30, 2027
BCLCF510.0	Renewable Naphtha	Diamond Green Diesel LLC	23.36	Dec. 16, 2022	June 29, 2024
BCLCF510.1	Renewable Naphtha	Diamond Green Diesel LLC	20.44	June 30, 2024	June 30, 2027
BCLCF511.0	HDRD	St Bernard Renewables LLC	27.28	Apr. 10, 2023	Apr. 9, 2024
BCLCF511.1	HDRD	St Bernard Renewables LLC	19.93	Apr. 10, 2024	Apr. 9, 2025
BCLCF512.0	Renewable Naphtha	St Bernard Renewables LLC	27.28	Apr. 10, 2023	Apr. 9, 2024
BCLCF513.0	HDRD	St Bernard Renewables LLC	32.33	Apr. 10, 2023	Apr. 9, 2024
BCLCF513.1	HDRD	St Bernard Renewables LLC	25.88	Apr. 10, 2024	Apr. 9, 2025



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF514.0	Renewable Naphtha	St Bernard Renewables LLC	32.33	Apr. 10, 2023	Apr. 9, 2024
BCLCF515.0	HDRD	St Bernard Renewables LLC	32.86	Apr. 10, 2023	Apr. 9, 2024
BCLCF515.1	HDRD	St Bernard Renewables LLC	24.52	Apr. 10, 2024	Apr. 9, 2025
BCLCF516.0	Renewable Naphtha	St Bernard Renewables LLC	32.86	Apr. 10, 2023	Apr. 9, 2024
BCLCF517.0	HDRD	St Bernard Renewables LLC	29.29	Apr. 10, 2023	Apr. 9, 2024
BCLCF517.1	HDRD	St Bernard Renewables LLC	25.29	Apr. 10, 2024	Apr. 9. 2025
BCLCF518.0	Renewable Naphtha	St Bernard Renewables LLC	29.29	Apr. 10, 2023	Apr. 9, 2024
BCLCF519.0	HDRD	St Bernard Renewables LLC	23.45	Apr. 10, 2023	Apr. 9, 2024
BCLCF519.1	HDRD	St Bernard Renewables LLC	17.96	Apr. 10, 2024	Apr. 9, 2025
BCLCF520.0	Renewable Naphtha	St Bernard Renewables LLC	23.45	Apr. 10, 2023	Apr. 9, 2024
BCLCF521.0	Renewable Naphtha	Montana Renewables, LLC.	21.15	June 12, 2023	June 10, 2024
BCLCF521.1	Renewable Naphtha	Montana Renewables, LLC	23.35	June 11, 2024	June 10, 2027
BCLCF522.0	Renewable Naphtha	Montana Renewables, LLC.	27.04	June 12, 2023	June 10, 2024
BCLCF522.1	Renewable Naphtha	Montana Renewables, LLC	25.92	June 11, 2024	June 10, 2027



### Low Carbon Fuels Act

Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF523.0	Renewable Naphtha	Montana Renewables, LLC.	25.63	June 12, 2023	June 10, 2024
BCLCF523.1	Renewable Naphtha	Montana Renewables, LLC	26.17	June 11, 2024	June 10, 2027
BCLCF524.0	Renewable Naphtha	Montana Renewables, LLC.	28.62	June 12, 2023	June 10, 2024
BCLCF524.1	Renewable Naphtha	Montana Renewables, LLC	27.60	June 11, 2024	June 10, 2027
BCLCF525.0	Renewable Naphtha	Montana Renewables, LLC.	37.28	June 12, 2023	June 10, 2024
BCLCF525.1	Renewable Naphtha	Montana Renewables, LLC	35.83	June 11, 2024	June 10, 2027
BCLCF526.0	Renewable Naphtha	Montana Renewables, LLC.	21.29	June 12, 2023	June 10, 2024
BCLCF526.1	Renewable Naphtha	Montana Renewables, LLC	19.96	June 11, 2024	June 10, 2027
BCLCF527.0	Renewable Naphtha	Montana Renewables, LLC.	31.98	June 12, 2023	June 10, 2024
BCLCF527.1	Renewable Naphtha	Montana Renewables, LLC	27.34	June 11, 2024	June 10, 2027
BCLCF528.0	Renewable Naphtha	Montana Renewables, LLC.	33.64	June 12, 2023	June 10, 2024



#### Low Carbon Fuels Act

## Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF528.1	Renewable Naphtha	Montana Renewables, LLC	28.56	June 11, 2024	June 10, 2027
BCLCF529.0	Renewable Naphtha	Montana Renewables, LLC.	26.11	June 12, 2023	June 10, 2024
BCLCF529.1	Renewable Naphtha	Montana Renewables, LLC	21.97	June 11, 2024	June 10, 2027
BCLCF530.0	HDRD	Montana Renewables, LLC.	19.95	June 12, 2023	June 10, 2024
BCLCF530.1	HDRD	Montana Renewables, LLC	45.59	June 11, 2024	June 10, 2027
BCLCF531.0	Renewable Naphtha	Montana Renewables, LLC.	19.95	June 12, 2023	June 10, 2024
BCLCF531.1	Renewable Naphtha	Montana Renewables, LLC	46.12	June 11, 2024	June 10, 2027
BCLCF532.0	Ethanol	Bonanza Bioenergy	15.16	Aug. 1, 2023	Feb. 11, 2024
BCLCF532.1	Ethanol	Bonanza Bioenergy	14.82	Feb. 12, 2024	Feb. 11, 2025
BCLCF533.0	Ethanol	Bonanza Bioenergy	13.60	Aug. 1, 2023	Feb. 11, 2024
BCLCF533.1	Ethanol	Bonanza Bioenergy	13.30	Feb. 12, 2024	Feb. 11, 2025
BCLCF534.0	Ethanol	Bonanza Bioenergy	12.06	Aug. 1, 2023	Feb. 11, 2024
BCLCF534.1	Ethanol	Bonanza Bioenergy	11.73	Feb. 12, 2024	Feb. 11, 2025
BCLCF535.0	Ethanol	Bonanza Bioenergy	10.52	Aug. 1, 2023	Feb. 11, 2024
BCLCF535.1	Ethanol	Bonanza Bioenergy	10.21	Feb. 12, 2024	Feb. 11, 2025
BCLCF536.0	Ethanol	Bonanza Bioenergy	8.98	Aug. 1, 2023	Feb. 11, 2024
BCLCF536.1	Ethanol	Bonanza Bioenergy	8.67	Feb. 12, 2024	Feb. 11, 2025



### Low Carbon Fuels Act

## Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF537.0	Ethanol	Bonanza Bioenergy	36.72	Aug. 1, 2023	Feb. 11, 2026
BCLCF537.1	Ethanol	Bonanza Bioenergy	36.38	Feb. 12, 2024	Feb. 11, 2025
BCLCF538.0	Ethanol	Bonanza Bioenergy	16.71	Aug. 1, 2023	Feb. 11, 2024
BCLCF538.1	Ethanol	Bonanza Bioenergy	16.42	Feb. 12, 2024	Feb. 11, 2025
BCLCF539.0	Ethanol	Bonanza Bioenergy	15.15	Aug. 1, 2023	Feb. 11, 2024
BCLCF539.1	Ethanol	Bonanza Bioenergy	14.90	Feb. 12, 2024	Feb. 11, 2025
BCLCF540.0	Ethanol	Bonanza Bioenergy	13.61	Aug. 1, 2023	Feb. 11, 2024
BCLCF540.1	Ethanol	Bonanza Bioenergy	13.33	Feb. 12, 2024	Feb. 11, 2025
BCLCF541.0	Ethanol	Bonanza Bioenergy	12.07	Aug. 1, 2023	Feb. 11, 2024
BCLCF541.1	Ethanol	Bonanza Bioenergy	11.81	Feb. 12, 2024	Feb. 11, 2025
BCLCF542.0	Ethanol	Bonanza Bioenergy	10.53	Aug. 1, 2023	Feb. 11, 2024
BCLCF542.1	Ethanol	Bonanza Bioenergy	10.27	Feb. 12, 2024	Feb. 11, 2025
BCLCF543.0	Ethanol	POET Biorefining	31.43	Jan. 1, 2024	Dec. 31, 2024
BCLCF545.0	Renewable Naphtha	Cheyenne Renewable Diesel Company, LLC	28.46	Sep. 25, 2023	Sep. 24, 2024
BCLCF545.1	Renewable Naphtha	Cheynne Renewable Diesel Company, LLC	31.14	Sep. 25, 2024	Sep. 24, 2027
BCLCF546.0	HDRD	Cheyenne Renewable Diesel Company, LLC	27.62	Sep. 25, 2023	Sep. 24, 2024
BCLCF546.1	HDRD	Cheynne Renewable Diesel Company, LLC	29.58	Sep. 25, 2024	Sep. 24, 2027



#### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF547.0	HDRD	Cheyenne Renewable Diesel Company, LLC	28.02	Sep. 25, 2023	Sep. 24, 2024
BCLCF547.1	HDRD	Cheynne Renewable Diesel Company, LLC	28.98	Sep. 25, 2024	Sep. 24, 2027
BCLCF548.0	HDRD	Cheyenne Renewable Diesel Company, LLC	28.46	Sep. 25, 2023	Sep. 24, 2024
BCLCF548.1	HDRD	Cheynne Renewable Diesel Company, LLC	30.63	Sep. 25, 2024	Sep. 24, 2027
BCLCF549.0	HDRD	CVR Renewables WYN, LLC	19.08	Nov. 1, 2023	Oct. 31, 2024
BCLCF550.0	Renewable Naphtha	CVR Renewables WYN, LLC	19.08	Nov. 1, 2023	Oct. 31, 2024
BCLCF551.0	HDRD	CVR Renewables WYN, LLC	19.82	Nov. 1, 2023	Oct. 31, 2024
BCLCF552.0	Renewable Naphtha	CVR Renewables WYN, LLC	19.82	Nov. 1, 2023	Oct. 31, 2024
BCLCF553.0	Renewable Naphtha	Dakota Prairie Refining, LLC	26.10	Nov. 28, 2023	Nov. 27, 2026
BCLCF554.0	Renewable Naphtha	Dakota Prairie Refining, LLC	25.70	Nov. 28, 2023	Nov. 27, 2026
BCLCF555.0	Renewable Naphtha	Dakota Prairie Refining, LLC	25.02	Nov. 28, 2023	Nov. 27, 2026
BCLCF556.0	Renewable Naphtha	Dakota Prairie Refining, LLC	17.73	Nov. 28, 2023	Nov. 27, 2026
BCLCF557.0	HDRD	Dakota Prairie Refining, LLC	18.12	Nov. 28, 2023	Nov. 27, 2026

62 of 80 Approved Carbon Intensities - Archive



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF558.0	Renewable Naphtha	Dakota Prairie Refining, LLC	18.57	Nov. 28, 2023	Nov. 27, 2026
C-BCLCF559.0	LNG	FortisBC Energy Inc.	8.59	Dec. 16, 2022	Dec. 31, 2023
C-BCLCF559.1	LNG	FortisBC Energy Inc.	26.16	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF560.0	LNG	FortisBC Energy Inc.	12.57	Jan. 1, 2024	Dec. 31, 2024
C-BCLCF560.1	LNG	FortisBC Energy Inc.	12.57	Jan. 1, 2025	Dec. 31, 2025
BCLCF561.0	Alternative Jet Fuel	Montana Renewables LLC	22.16	Mar. 1, 2024	Feb. 28, 2025
BCLCF562.0	Alternative Jet Fuel	Montana Renewables LLC	19.78	Mar. 1, 2024	Feb. 28, 2025
BCLCF563.0	Alternative Jet Fuel	Montana Renewables LLC	23.74	Mar. 1, 2024	Feb. 28, 2025
BCLCF564.0	Alternative Jet Fuel	Montana Renewables LLC	22.64	Mar. 1, 2024	Feb. 28, 2025
BCLCF565.0	Alternative Jet Fuel	Montana Renewables LLC	23.58	Mar. 1, 2024	Feb. 28, 2025
BCLCF566.0	Alternative Jet Fuel	Montana Renewables LLC	18.42	Mar. 1, 2024	Feb. 28, 2025
BCLCF567.0	Alternative Jet Fuel	Montana Renewables LLC	31.01	Mar. 1, 2024	Feb. 28, 2025
BCLCF568.0	Alternative Jet Fuel	Montana Renewables LLC	40.37	Mar. 1, 2024	Feb. 28, 2025



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF569.0	Alternative Jet Fuel	Montana Renewables LLC	24.78	Mar. 1, 2024	Feb. 28, 2025
BCLCF570.0	Alternative Jet Fuel	Montana Renewables LLC	15.15	Mar. 1, 2024	Feb. 28, 2025
BCLCF571.0	Ethanol	Bonanza Bioenergy	30.23	Feb. 12, 2024	Feb. 11, 2025
BCLCF572.0	Ethanol	Bonanza Bioenergy	24.08	Feb. 12, 2024	Feb. 11, 2025
BCLCF573.0	Ethanol	Bonanza Bioenergy	21.02	Feb. 12, 2024	Feb. 11, 2025
BCLCF574.0	Ethanol	Bonanza Bioenergy	17.93	Feb. 12, 2024	Feb. 11, 2025
BCLCF576.0	Biodiesel	REG Danville, LLC	28.98	Mar. 19, 2024	Mar. 18, 2027
BCLCF577.0	Biodiesel	REG Newton, LLC	9.93	Mar. 19, 2024	Mar. 18, 2027
C-BCLCF578.0	Renewable Diesel	Parkland Refining (BC)	3.27	Jan. 1, 2024	June 30. 2024
C-BCLCF578.1	Renewable Diesel	Parkland Refining (BC)	3.52	July 1, 2024	June 30, 2025
C-BCLCF579.0	Renewable Gasoline	Parkland Refining (BC)	-0.32	Jan. 1, 2024	June 30. 2024
C-BCLCF579.1	Renewable Gasoline	Parkland Refining (BC)	-0.14	July 1, 2024	June 30, 2025
C-BCLCF580.0	Renewable Diesel	Parkland Refining (BC)	18.44	Jan. 1, 2024	June 30. 2024
C-BCLCF580.1	Renewable Diesel	Parkland Refining (BC)	18.87	July 1, 2024	June 30, 2025



### Low Carbon Fuels Act

Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF581.0	Renewable Gasoline	Parkland Refining (BC)	18.44	Jan. 1, 2024	June 30. 2024
C-BCLCF581.1	Renewable Gasoline	Parkland Refining (BC)	19.35	July 1, 2024	June 30, 2025
C-BCLCF582.0	Renewable Diesel	Parkland Refining (BC)	6.88	Jan. 1, 2024	June 30. 2024
C-BCLCF583.0	Renewable Gasoline	Parkland Refining (BC)	3.29	Jan. 1, 2024	June 30. 2024
C-BCLCF584.0	Renewable Diesel	Parkland Refining (BC)	0.57	Jan. 1, 2024	June 30. 2024
C-BCLCF584.1	Renewable Diesel	Parkland Refining (BC)	-2.73	July 1, 2024	June 30, 2025
C-BCLCF585.0	Renewable Gasoline	Parkland Refining (BC)	-3.01	Jan. 1, 2024	June 30. 2024
C-BCLCF585.1	Renewable Gasoline	Parkland Refining (BC)	-6.39	July 1, 2024	June 30, 2025
C-BCLCF586.0	Renewable Diesel	Parkland Refining (BC)	16.12	Jan. 1, 2024	June 30. 2024
C-BCLCF586.1	Renewable Diesel	Parkland Refining (BC)	14.01	July 1, 2024	June 30, 2025
C-BCLCF587.0	Renewable Gasoline	Parkland Refining (BC)	16.12	Jan. 1, 2024	June 30. 2024



### Low Carbon Fuels Act

Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF587.1	Renewable Gasoline	Parkland Refining (BC)	14.48	July 1, 2024	June 30, 2025
C-BCLCF588.0	Renewable Diesel	Parkland Refining (BC)	-6.95	Jan. 1, 2024	June 30. 2024
C-BCLCF588.1	Renewable Diesel	Parkland Refining (BC)	-7.03	July 1, 2024	June 30, 2025
C-BCLCF589.0	Renewable Gasoline	Parkland Refining (BC)	-6.95	Jan. 1, 2024	June 30. 2024
C-BCLCF589.1	Renewable Gasoline	Parkland Refining (BC)	-10.83	July 1, 2024	June 30, 2025
C-BCLCF590.0	Renewable Diesel	Parkland Refining (BC)	-3.21	Jan. 1, 2024	June 30. 2024
C-BCLCF590.1	Renewable Diesel	Parkland Refining (BC)	3.81	July 1, 2024	June 30, 2025
C-BCLCF591.0	Renewable Gasoline	Parkland Refining (BC)	-6.94	Jan. 1, 2024	June 30. 2024
C-BCLCF591.1	Renewable Gasoline	Parkland Refining (BC)	0.15	July 1, 2024	June 30, 2025
C-BCLCF592.0	Renewable Diesel	Parkland Refining (BC)	-0.43	Jan. 1, 2024	June 30. 2024
C-BCLCF593.0	Renewable Gasoline	Parkland Refining (BC)	-4.14	Jan. 1, 2024	June 30. 2024



#### Low Carbon Fuels Act

Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF594.0	Renewable Diesel	Parkland Refining (BC)	-5.80	Jan. 1, 2024	June 30. 2024
C-BCLCF594.1	Renewable Diesel	Parkland Refining (BC)	3.85	July 1, 2024	June 30, 2025
C-BCLCF595.0	Renewable Gasoline	Parkland Refining (BC)	-9.52	Jan. 1, 2024	June 30. 2024
C-BCLCF595.1	Renewable Gasoline	Parkland Refining (BC)	0.19	July 1, 2024	June 30, 2025
BCLCF596.0	Alternative Jet Fuel	Neste Oil Singapore	36.44	May 3, 2024	May 2, 2027
BCLCF597.0	Alternative Jet Fuel	Neste Oil Singapore	33.31	May 3, 2024	May 2, 2027
BCLCF598.0	Alternative Jet Fuel	Neste Oil Singapore	25.18	May 3, 2024	May 2, 2027
BCLCF599.0	HDRD	Artesia Renewable Diesel Company, LLC	35.02	May 15, 2024	May 14, 2027
BCLCF600.0	Renewable Naphtha	Artesia Renewable Diesel Company, LLC	35.58	May 15, 2024	May 14, 2027
BCLCF601.0	HDRD	Artesia Renewable Diesel Company, LLC	22.00	May 15, 2024	May 14, 2027
BCLCF602.0	Renewable Naphtha	Artesia Renewable Diesel Company, LLC	22.56	May 15, 2024	May 14, 2027
BCLCF623.0	HDRD	Phillips 66 Company	15.32	Mar. 26, 2024	Mar. 25, 2027
BCLCF624.0	HDRD	Phillips 66 Company	20.30	Mar. 26, 2024	Mar. 25, 2027
BCLCF625.0	HDRD	Phillips 66 Company	26.32	Mar. 26, 2024	Mar. 25, 2027

67 of 80 Approved Carbon Intensities - Archive



#### Low Carbon Fuels Act

Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF626.0	HDRD	Phillips 66 Company	28.03	Mar. 26, 2024	Mar. 25, 2027
BCLCF627.0	Renewable Naphtha	Philipps 66 Company	18.69	Mar. 26, 2024	Mar. 25, 2027
BCLCF628.0	Renewable Naphtha	Philipps 66 Company	23.42	Mar. 26, 2024	Mar. 25, 2027
BCLCF629.0	Renewable Naphtha	Philipps 66 Company	25.00	Mar. 26, 2024	Mar. 25, 2027
BCLCF630.0	Renewable Naphtha	Philipps 66 Company	33.94	Mar. 26, 2024	Mar. 25, 2027
BCLCF631.0	Renewable Naphtha	Philipps 66 Company	31.79	Mar. 26, 2024	Mar. 25, 2027
BCLCF632.0	Renewable Naphtha	Philipps 66 Company	24.35	Mar. 26, 2024	Mar. 25, 2027
BCLCF633.0	Renewable Naphtha	Philipps 66 Company	15.83	Mar. 26, 2024	Mar. 25, 2027
BCLCF634.0	Renewable Naphtha	Philipps 66 Company	20.80	Mar. 26, 2024	Mar. 25, 2027
BCLCF635.0	Renewable Naphtha	Philipps 66 Company	26.83	Mar. 26, 2024	Mar. 25, 2027
BCLCF636.0	Renewable Naphtha	Philipps 66 Company	28.54	Mar. 26, 2024	Mar. 25, 2027
BCLCF637.0	HDRD	St Bernard Renewables LLC	28.46	Apr. 10, 2024	Apr. 9, 2025
BCLCF638.0	HDRD	St Bernard Renewables LLC	19.69	Apr. 10, 2024	Apr. 9, 2025



### Low Carbon Fuels Act

## Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF639.0	HDRD	St Bernard Renewables LLC	32.41	Apr. 10, 2024	Apr. 9, 2025
C-BCLCF640.0	Biodiesel	Consolidated Biofuels Ltd.	8.14	Feb. 18, 2024	Feb. 17, 2027
C-BCLCF641.0	Biodiesel	Consolidated Biofuels Ltd.	9.85	Feb. 18, 2024	Feb. 17, 2027
C-BCLCF643.0	LRNG	Fortis BC Energy Inc.	-32.86	Dec. 16, 2022	June 15, 2024
C-BCLCF643.1	LRNG	FortisBC Energy Inc.	11.56	Feb. 5, 2024	Feb. 4, 2025
C-BCLCF644.0	HDRD	Tidewater Renewables Ltd.	18.31	Jan. 1, 2024	Feb. 28, 2024
C-BCLCF645.0	Renewable Naphtha	Tidewater Renewables Ltd.	18.31	Jan. 1, 2024	Feb. 28, 2024
C-BCLCF646.0	HDRD	Tidewater Renewables Ltd.	13.63	Jan. 1, 2024	Feb. 28, 2024
C-BCLCF647.0	Renewable Naphtha	Tidewater Renewables Ltd.	13.63	Jan. 1, 2024	Feb. 28, 2024
C-BCLCF648.0	HDRD	Tidewater Renewables Ltd.	15.61	Jan. 1, 2024	Feb. 28, 2024
C-BCLCF649.0	Renewable Naphtha	Tidewater Renewables Ltd.	15.61	Jan. 1, 2024	Feb. 28, 2024
C-BCLCF650.0	HDRD	Tidewater Renewables Ltd.	16.08	Jan. 1, 2024	Feb. 28, 2024
C-BCLCF651.0	Renewable Naphtha	Tidewater Renewables Ltd.	16.08	Jan. 1, 2024	Feb. 28, 2024
C-BCLCF652.0	Renewable Gasoline	Tidewater Renewables Ltd.	-1.40	Jan. 1, 2024	May 23, 2024
C-BCLCF652.1	Renewable Gasoline	Tidewater Renewables Ltd.	-1.38	May 24, 2024	May 23, 2025



### Low Carbon Fuels Act

Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF653.0	Renewable Diesel	Tidewater Renewables Ltd.	0.83	Jan. 1, 2024	May 23, 2024
C-BCLCF653.1	Renewable Diesel	Tidewater Renewables Ltd.	0.83	May 24, 2024	May 23, 2025
C-BCLCF654.0	Renewable Gasoline	Tidewater Renewables Ltd.	10.07	Jan. 1, 2024	May 23, 2024
C-BCLCF654.1	Renewable Gasoline	Tidewater Renewables Ltd.	9.89	May 24, 2024	May 23, 2025
C-BCLCF655.0	Renewable Diesel	Tidewater Renewables Ltd.	12.30	Jan. 1, 2024	May 23, 2024
C-BCLCF655.1	Renewable Diesel	Tidewater Renewables Ltd.	12.10	May 24, 2024	May 23, 2025
C-BCLCF656.0	Renewable Gasoline	Tidewater Renewables Ltd.	7.16	Jan. 1, 2024	May 23, 2024
C-BCLCF656.1	Renewable Gasoline	Tidewater Renewables Ltd.	7.10	May 24, 2024	May 23, 2025
C-BCLCF657.0	Renewable Diesel	Tidewater Renewables Ltd.	9.39	Jan. 1, 2024	May 23, 2024
C-BCLCF657.1	Renewable Diesel	Tidewater Renewables Ltd.	9.31	May 24, 2024	May 23, 2025
C-BCLCF658.0	Renewable Gasoline	Tidewater Renewables Ltd.	7.61	Jan. 1, 2024	May 23, 2024



### Low Carbon Fuels Act

Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF658.1	Renewable Gasoline	Tidewater Renewables Ltd.	7.42	May 24, 2024	May 23, 2025
C-BCLCF659.0	Renewable Diesel	Tidewater Renewables Ltd.	9.85	Jan. 1, 2024	May 23, 2024
C-BCLCF659.1	Renewable Diesel	Tidewater Renewables Ltd.	9.63	May 24, 2024	May 23, 2025
C-BCLCF660.0	Renewable Gasoline	Tidewater Renewables Ltd.	-0.62	Jan. 1, 2024	May 23, 2024
C-BCLCF660.1	Renewable Gasoline	Tidewater Renewables Ltd.	-0.62	May 24, 2024	May 23, 2025
C-BCLCF661.0	Renewable Diesel	Tidewater Renewables Ltd.	1.62	Jan. 1, 2024	May 23, 2024
C-BCLCF661.1	Renewable Diesel	Tidewater Renewables Ltd.	1.59	May 24, 2024	May 23, 2025
C-BCLCF662.0	Renewable Gasoline	Tidewater Renewables Ltd.	1.12	Jan. 1, 2024	May 23, 2024
C-BCLCF662.1	Renewable Gasoline	Tidewater Renewables Ltd.	0.80	May 24, 2024	May 23, 2025
C-BCLCF663.0	HDRD	Tidewater Renewables Ltd.	3.43	Jan. 1, 2024	May 23, 2024
C-BCLCF663.1	HDRD	Tidewater Renewables Ltd.	3.01	May 24, 2024	May 23, 2025
C-BCLCF664.0	Renewable Gasoline	Tidewater Renewables Ltd.	-0.60	Jan. 1, 2024	May 23, 2024



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF664.1	Renewable Gasoline	Tidewater Renewables Ltd.	-0.59	May 24, 2024	May 23, 2025
C-BCLCF665.0	HDRD	Tidewater Renewables Ltd.	1.63	Jan. 1, 2024	May 23, 2024
C-BCLCF665.1	HDRD	Tidewater Renewables Ltd.	1.62	May 24, 2024	May 23, 2025
C-BCLCF666.0	Renewable Gasoline	Tidewater Renewables Ltd.	6.60	Jan. 1, 2024	May 23, 2024
C-BCLCF666.1	Renewable Gasoline	Tidewater Renewables Ltd.	6.32	May 24, 2024	May 23, 2025
C-BCLCF667.0	Renewable Diesel	Tidewater Renewables Ltd.	8.83	Jan. 1, 2024	May 23, 2024
C-BCLCF667.1	Renewable Diesel	Tidewater Renewables Ltd.	8.53	May 24, 2024	May 23, 2025
C-BCLCF668.0	Renewable Gasoline	Tidewater Renewables Ltd.	0.78	Jan. 1, 2024	May 23, 2024
C-BCLCF668.1	Renewable Gasoline	Tidewater Renewables Ltd.	0.25	May 24, 2024	May 23, 2025
C-BCLCF669.0	Renewable Diesel	Tidewater Renewables Ltd.	3.02	Jan. 1, 2024	May 23, 2024
C-BCLCF669.1	Renewable Diesel	Tidewater Renewables Ltd.	2.46	May 24, 2024	May 23, 2025
C-BCLCF670.0	Renewable Gasoline	Tidewater Renewables Ltd.	7.88	Jan. 1, 2024	May 23, 2024



### Low Carbon Fuels Act

Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF670.1	Renewable Gasoline	Tidewater Renewables Ltd.	6.91	May 24, 2024	May 23, 2025
C-BCLCF671.0	Renewable Diesel	Tidewater Renewables Ltd.	10.11	Jan. 1, 2024	May 23, 2024
C-BCLCF671.1	Renewable Diesel	Tidewater Renewables Ltd.	9.12	May 24, 2024	May 23, 2025
C-BCLCF672.0	Renewable Gasoline	Imperial Oil	12.50	Nov. 1, 2024	Oct. 31, 2025
C-BCLCF673.0	Renewable Diesel	Imperial Oil	11.96	Nov. 1, 2024	Oct. 31, 2025
C-BCLCF674.0	Alternative Jet Fuel	Imperial Oil	10.53	Nov. 1, 2024	Oct. 31, 2025
C-BCLCF675.0	Renewable Propane	Imperial Oil	12.95	Nov. 1, 2024	Oct. 31, 2025
C-BCLCF676.0	Renewable Gasoline	Imperial Oil	6.06	Nov. 1, 2024	Oct. 31, 2025
C-BCLCF677.0	Renewable Diesel	Imperial Oil	5.52	Nov. 1, 2024	Oct. 31, 2025
C-BCLCF678.0	Alternative Jet Fuel	Imperial Oil	4.08	Nov. 1, 2024	Oct. 31, 2025
C-BCLCF679.0	Renewable Propane	Imperial Oil	6.50	Nov. 1, 2024	Oct. 31, 2025
BCLCF680.0	HDRD	Bakersfield Renewable Fuels LLC	20.93	June 25, 2024	June 24, 2025

73 of 80 Approved Carbon Intensities - Archive



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF681.0	Renewable Naphtha	Bakersfield Renewable Fuels LLC	21.46	June 25, 2024	June 24, 2025
BCLCF682.0	HDRD	Diamond Green Diesel LLC	16.93	June 30, 2024	June 30, 2027
BCLCF683.0	HDRD	Diamond Green Diesel LLC	20.64	June 30, 2024	June 30, 2027
BCLCF684.0	HDRD	Diamond Green Diesel LLC	18.72	June 30, 2024	June 30, 2027
BCLCF685.0	HDRD	Diamond Green Diesel LLC	21.83	June 30, 2024	June 30, 2027
BCLCF686.0	HDRD	Diamond Green Diesel LLC	25.92	June 30, 2024	June 30, 2027
BCLCF687.0	HDRD	Diamond Green Diesel LLC	29.69	June 30, 2024	June 30, 2027
BCLCF688.0	HDRD	Diamond Green Diesel LLC	32.43	June 30, 2024	June 30, 2027
BCLCF689.0	HDRD	Diamond Green Diesel LLC	33.32	June 30, 2024	June 30, 2027
BCLCF690.0	Renewable Naphtha	Diamond Green Diesel LLC	17.56	June 30, 2024	June 30, 2027
BCLCF691.0	Renewable Naphtha	Diamond Green Diesel LLC	21.27	June 30, 2024	June 30, 2027
BCLCF692.0	Renewable Naphtha	Diamond Green Diesel LLC	19.35	June 30, 2024	June 30, 2027
BCLCF693.0	Renewable Naphtha	Diamond Green Diesel LLC	22.46	June 30, 2024	June 30, 2027
BCLCF694.0	Renewable Naphtha	Diamond Green Diesel LLC	26.55	June 30, 2024	June 30, 2027
BCLCF695.0	Renewable Naphtha	Diamond Green Diesel LLC	30.32	June 30, 2024	June 30, 2027



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF696.0	Renewable Naphtha	Diamond Green Diesel LLC	33.06	June 30, 2024	June 30, 2027
BCLCF697.0	Renewable Naphtha	Diamond Green Diesel LLC	33.95	June 30, 2024	June 30, 2027
C-BCLCF702.0	Renewable Synthetic Diesel	Expander Energy Inc.	32.56	Nov. 29, 2024	Nov. 28, 2025
C-BCLCF703.0	HDRD	Tidewater Renewables Ltd.	16.68	July 25, 2024	July 24, 2025
C-BCLCF704.0	HDRD	Tidewater Renewables Ltd.	12.08	July 25, 2024	July 24, 2025
C-BCLCF705.0	HDRD	Tidewater Renewables Ltd.	9.80	July 25, 2024	July 24, 2025
C-BCLCF706.0	HDRD	Tidewater Renewables Ltd.	10.05	July 25, 2024	July 24, 2025
C-BCLCF707.0	HDRD	Tidewater Renewables Ltd.	17.39	July 25, 2024	July 24, 2025
BCLCF708.0	Biodiesel	American GreenFuels LLC	16.51	Mar. 28, 2024	Mar. 27, 2027
BCLCF709.0	Biodiesel	American GreenFuels LLC	24.21	Mar. 28, 2024	Mar. 27, 2027
BCLCF710.0	Biodiesel	American GreenFuels LLC	24.18	Mar. 28, 2024	Mar. 27, 2027
BCLCF711.0	Biodiesel	American GreenFuels LLC	18.32	Mar. 28, 2024	Mar. 27, 2027
BCLCF712.0	Biodiesel	REG Madison LLC	22.58	Jan. 1, 2024	Dec. 31, 2026
C-BCLCF713.0	HDRD	Braya Renewable Fuels (Newfoundland) LP	30.57	Jan. 1, 2025	Dec. 31, 2025
C-BCLCF714.0	HDRD	Braya Renewable Fuels (Newfoundland) LP	31.15	Jan. 1, 2025	Dec. 31, 2025



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

**Information Bulletin RLCF-012a** 

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
C-BCLCF715.0	HDRD	Braya Renewable Fuels (Newfoundland) LP	22.23	Jan. 1, 2025	Dec. 31, 2025
C-BCLCF716.0	HDRD	Braya Renewable Fuels (Newfoundland) LP	30.96	Jan. 1, 2025	Dec. 31, 2025
C-BCLCF717.0	CRNG	FortisBC	-16.01	Jan.1, 2024	Dec. 31, 2024
C-BCLCF718.0	LRNG	FortisBC	-10.87	Jan. 1, 2024	Dec. 31, 2024
BCLCF719.0	HDRD	Cheyenne Renewable Diesel Company, LLC	24.99	Sep. 25, 2024	Sep. 24, 2027
BCLCF720.0	Renewable Naphtha	Cheyenne Renewable Diesel Company, LLC	25.50	Sep. 25, 2024	Sep. 24, 2027
C-BCLCF721.0	Biodiesel	Innoltek	9.63	Sept. 6, 2024	Sept. 5, 2027
C-BCLCF722.0	Biodiesel	Innoltek	11.46	Sept. 6, 2024	Sept. 5, 2027
C-BCLCF723.0	Biodiesel	Innoltek	10.18	Sept. 6, 2024	Sept. 5, 2027
C-BCLCF724.0	Biodiesel	Innoltek	17.36	Sept. 6, 2024	Sept. 5, 2027
C-BCLCF725.0	Biodiesel	Innoltek	18.89	Sept. 6, 2024	Sept. 5, 2027
C-BCLCF726.0	HDRD	Parkland Refining (BC)	32.44	Oct. 1, 2024	Sept. 30, 2025
BCLCF727.0	HDRD	Diamond Green Diesel, LLC	30.85	Oct. 27, 2024	Oct 26, 2025
BCLCF728.0	Renewable Naphtha	Diamond Green Diesel, LLC	31.50	Oct. 27, 2024	Oct 26, 2025
BCLCF729.0	HDRD	Diamond Green Diesel, LLC	35.86	Oct. 27, 2024	Oct 26, 2025
BCLCF730.0	Renewable Naphtha	Diamond Green Diesel, LLC	36.52	Oct. 27, 2024	Oct 26, 2025



### Low Carbon Fuels Act

## Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF731.0	HDRD	Diamond Green Diesel, LLC	36.43	Oct. 27, 2024	Oct 26, 2025
BCLCF732.0	Renewable Naphtha	Diamond Green Diesel, LLC	37.09	Oct. 27, 2024	Oct 26, 2025
BCLCF733.0	HDRD	Diamond Green Diesel, LLC	33.21	Oct. 27, 2024	Oct 26, 2025
BCLCF734.0	Renewable Naphtha	Diamond Green Diesel, LLC	33.87	Oct. 27, 2024	Oct 26, 2025
BCLCF735.0	HDRD	Diamond Green Diesel, LLC	37.36	Oct. 27, 2024	Oct 26, 2025
BCLCF736.0	Renewable Naphtha	Diamond Green Diesel, LLC	38.01	Oct. 27, 2024	Oct 26, 2025
BCLCF737.0	HDRD	Diamond Green Diesel, LLC	37.60	Oct. 27, 2024	Oct 26, 2025
BCLCF738.0	Renewable Naphtha	Diamond Green Diesel, LLC	38.26	Oct. 27, 2024	Oct 26, 2025
BCLCF739.0	HDRD	Diamond Green Diesel, LLC	22.05	Oct. 27, 2024	Oct 26, 2025
BCLCF740.0	Renewable Naphtha	Diamond Green Diesel, LLC	22.71	Oct. 27, 2024	Oct 26, 2025
BCLCF741.0	HDRD	Diamond Green Diesel, LLC	24.94	Oct. 27, 2024	Oct 26, 2025
BCLCF742.0	Renewable Naphtha	Diamond Green Diesel, LLC	25.60	Oct. 27, 2024	Oct 26, 2025
BCLCF743.0	HDRD	Diamond Green Diesel, LLC	23.42	Oct. 27, 2024	Oct 26, 2025
BCLCF744.0	Renewable Naphtha	Diamond Green Diesel, LLC	24.07	Oct. 27, 2024	Oct 26, 2025
BCLCF745.0	HDRD	Diamond Green Diesel, LLC	24.70	Oct. 27, 2024	Oct 26, 2025



### Low Carbon Fuels Act

# Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF746.0	Renewable Naphtha	Diamond Green Diesel, LLC	25.36	Oct. 27, 2024	Oct 26, 2025
BCLCF747.0	HDRD	Diamond Green Diesel, LLC	26.51	Oct. 27, 2024	Oct 26, 2025
BCLCF748.0	Renewable Naphtha	Diamond Green Diesel, LLC	27.17	Oct. 27, 2024	Oct 26, 2025
BCLCF749.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	26.16	Oct. 27, 2024	Oct 26, 2025
BCLCF750.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	23.06	Oct. 27, 2024	Oct 26, 2025
BCLCF751.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	27.59	Oct. 27, 2024	Oct 26, 2025
BCLCF752.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	27.36	Oct. 27, 2024	Oct 26, 2025
BCLCF753.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	19.47	Oct. 27, 2024	Oct 26, 2025
BCLCF754.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	29.99	Oct. 27, 2024	Oct 26, 2025
BCLCF755.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	35.01	Oct. 27, 2024	Oct 26, 2025
BCLCF756.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	35.57	Oct. 27, 2024	Oct 26, 2025
BCLCF757.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	32.35	Oct. 27, 2024	Oct 26, 2025



#### Low Carbon Fuels Act

Approved Carbon Intensities – Archive

Issued: July 2013 Revised: February 21, 2025

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF758.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	36.50	Oct. 27, 2024	Oct 26, 2025
BCLCF759.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	36.75	Oct. 27, 2024	Oct 26, 2025
BCLCF760.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	21.19	Oct. 27, 2024	Oct 26, 2025
BCLCF761.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	24.08	Oct. 27, 2024	Oct 26, 2025
BCLCF762.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	22.56	Oct. 27, 2024	Oct 26, 2025
BCLCF763.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	23.84	Oct. 27, 2024	Oct 26, 2025
BCLCF764.0	Alternative Jet Fuel	Diamond Green Diesel, LLC	25.65	Oct. 27, 2024	Oct 26, 2025
C-BCLCF765.0	Alternative Jet Fuel	Parkland Refining (BC)	22.37	July 1, 2024	June 30, 2025
C-BCLCF766.0	Alternative Jet Fuel	Parkland Refining (BC)	2.99	July 1, 2024	June 30, 2025
C-BCLCF767.0	Alternative Jet Fuel	Parkland Refining (BC)	3.89	July 1, 2024	June 30, 2025
BCLCF768.0	HDRD	Diamond Green Diesel LLC	29.91	Dec. 3, 2024	Dec. 2, 2027
BCLCF769.0	Renewable Naphtha	Diamond Green Diesel LLC	30.54	Dec. 3, 2024	Dec. 2, 2027

	Ministry of Energy and Climate Solutions	Low Carbon Fuels Act
BRITISH COLUMBIA	Issued: July 2013	Approved Carbon Intensities – Archive
	Revised: February 21, 2025	Information Bulletin RLCF-012a

Fuel Code	Fuel	Company	Carbon Intensity (gCO₂e/MJ)	Effective Date	Expiry Date
BCLCF770.0	HDRD	Diamond Green Diesel LLC	31.27	Dec. 3, 2024	Dec. 2, 2027
BCLCF771.0	Renewable Naphtha	Diamond Green Diesel LLC	31.90	Dec. 3, 2024	Dec. 2, 2027

# Need more information?

Please see the Renewable and Low Carbon Fuel website at <u>http://gov.bc.ca/lowcarbonfuels</u> or email us at <u>lcfs@gov.bc.ca</u>

This information is for your convenience and guidance only, and does not replace or constitute a legal interpretation of the legislation. It is recommended that parties who may be a Fuel Supplier review the *Low Carbon Fuels Act* (Act), the Low Carbon Fuels (General) Regulation and the Low Carbon Fuels (Technical) Regulation, and seek independent legal advice to confirm their status, legal obligations and opportunities. The Act and regulations can be found on the internet at: <u>http://www.bclaws.ca</u>.