

Renewable and Low Carbon Fuel Requirements Summary: 2010-2023

British Columbia's Renewable and Low Carbon Fuel Requirements Regulation (Regulation) resulted in the avoidance of over 3.7 million tonnes of greenhouse gas emissions globally in 2023, and a total of over 22.6 million tonnes between 2010 and 2023.

This Bulletin presents summary compliance data for the *Greenhouse Gas Reduction (Renewable and Low Carbon Fuel Requirements)* Act (Act) and the Regulation. The Act is designed to reduce greenhouse gas emissions associated with the use of transportation fuels in British Columbia: establishing requirements for renewable content and greenhouse gas emission intensity reductions.

On January 1, 2024, the Act and Regulation were repealed and replaced with the *Low Carbon Fuels Act*, the Low Carbon Fuels (General) Regulation, and the Low Carbon Fuels (Technical) Regulation. Reporting under the new legislation and regulations will commence for the first time in 2025 when suppliers report their 2024 fuel supply.

This report compiles supply data submitted to the Ministry of Energy, Mines and Low Carbon Innovation (Ministry) by fuel suppliers as part of their compliance reporting obligations. The report includes the most recent 10 years of data for 2014 to 2023, which was subject to the *Greenhouse Gas Reduction (Renewable and Low Carbon Fuel Requirements) Act* and the Renewable and Low Carbon Fuel Requirements Regulation. The data is current as of the date of issue but may be subject to change due to enhanced reporting, and compliance and/or verification activities.



Renewable Fuel Requirements

Fuel suppliers must include renewable content in the gasoline and diesel fuels supplied in B.C. Since 2010, fuel suppliers have been required to include five percent renewable content in the gasoline pool. In the diesel pool, the renewable requirement was three percent in 2010 and four percent thereafter. Between 2015 and 2020, companies that supplied less than a total of 75 million litres of gasoline and diesel class fuels in a year were eligible to apply to be exempted from the renewable and low carbon requirements. The exemption threshold was reduced to 25 million litres for the 2021 compliance period and further reduced to 200,000 litres in 2022 and subsequent compliance periods.

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2010 (Baseline)
Total Gasoline	4,522.5	4,629.2	4,871.3	4,865.8	4,747.2	4,831.5	4,193.8	4,399.8	4,253.6	4,273.2	4,741.1
Non-exempt											
Gasoline	4,320.4	4,500.5	4,717.6	4,777.5	4,638.5	4,601.1	3,890.5	4,140.2	4,252.8	4,272.3	4,459.2
Exempt											
Gasoline	202.1	128.7	153.7	88.3	108.7	230.5	303.3	259.6	0.7	0.9	281.9
Renewable											
Gasoline [▲]	299.0	342.9	375.1	376.0	370.4	346.0	334.0	409.7	504.5	538.4	234.7
% Renewable											
Content	6.5%	7.1%	7.4%	7.3%	7.4%	7.0%	7.9%	9.0%	10.6%	11.2%	5.0%
Total Diesel	3,704.7	3,443.5	3,392.7	3,692.1	3,811.8	3,721.6	3,258.0	3,422.8	3,434.9	3,069.0	3,305.1
Non-exempt											
Diesel	3,511.7	3,310.0	3,239.8	3,544.2	3,665.6	3,404.8	2,920.4	3,196.0	3,418.4	3050.4	2,977.2
Exempt Diesel	193.0	133.5	152.9	147.9	146.2	294.9	316.3	206.3	0.5	0.1	327.9
Renewable											
Diesel [₿]	226.6	222.7	177.3	213.0	230.2	331.7	460.3	490.4	525.5	844.1	91.7
% Renewable											
Content	6.1%	6.3%	5.2%	5.7%	5.9%	8.9%	13.6%	13.3%	13.3%	21.7%	3.0%

Table 1 – Annual fuel volumes (million litres) and percentages subject to the renewable fuel requirement

A – Includes ethanol, co-processed renewable gasoline, and renewable naphtha

B – Includes biodiesel, Hydrogenation-Derived Renewable Diesel, and co-processed renewable diesel



Low Carbon Fuel Requirements

Fuel suppliers must reduce the lifecycle greenhouse gas emission intensity, also known as carbon intensity, of the transportation fuel mix that they supply. Compliance is measured in terms of credits and debits, which represent the difference between the carbon intensity of the fuel and the current low carbon requirements for the relevant fuel class. A schedule of reductions has been established to reduce the carbon intensity of the transportation fuel mix in B.C. On January 1, 2023, the reduction schedule was amended to increase the carbon intensity reduction requirement from 20 percent to 30 percent by 2030 for gasoline and diesel class fuels.

													2010
	Fuel Class	Units	2014 ^A	2015	2016	2017	2018	2019	2020	2021	2022	2023	(Baseline)
Diesel	Diesel	L	3,704.7	3,443.5	3,392.7	3,692.1	3,811.8	3,699.7	3,236.7	3,402.3	3,418.9	3,050.45	3,305.1
Gasoline	Gasoline	L	4,522.5	4,629.2	4,871.3	4,865.8	4,747.2	4,831.5	4,193.8	4,399.8	4,253.6	4,273.2	4,741.1
Biodiesel	Diesel	L	101.1	102.2	104.0	107.3	115.6	113.8	106.9	124.8	134.6	132.2	61.1
CNIC	Diesel	m ³	7.9	13.7	15.9	20.9	24.8	30.3	33.7	37.3	39.6	41.1	-
CNG	Gasoline	m ³	1.3	1.5	1.2	0.9	0.8	0.8	1.0	0.7	0.8	0.8	0.3
	Diesel	kWh	180.2	182.2	180.5	204.2	205.3	204.1	197.9	201.3	213.0	216.1	184.3
Electricity	Gasoline	kWh	0.3	0.9	9.4	15.4	31.8	57.9	88.0	130.5	146.8	221.7	-
Ethanol	Gasoline	L	299.0	342.9	375.1	376.0	370.4	334.6	307.4	359.8	430.3	468.6	234.7
HDRD	Diesel	L	125.5	120.5	73.3	105.8	114.6	214.8	344.4	343.9	368.9	694.9	30.6
Undragon	Diesel	kg	0.1	-	-	-	9.0E-04	8.5E-04	1.8E-04	4.0E-04	1.8E-04	-	0.2
Hydrogen	Gasoline	kg	1.7E-05	1.2E-03	1.3E-03	1.2E-03	5.3E-04	1.7E-03	2.9E-03	1.1E-02	2.7E-02	2.59E-02	-
LNG	Diesel	kg	6.2	8.6	9.0	12.1	19.6	24.6	26.2	25.5	29.7	29.2	-
Propane	Diesel	L	-	-	-	-	-	-	-	-	-	0.3	-
Propane	Gasoline	L	63.0	70.2	70.3	68.3	66.3	65.5	57.5	56.2	52.3	46.3	1.6
Renewable Diesel ^B	Diesel	L	-	-	-	-	-	3.1	9.0	21.7	22.0	17.0	-
Renewable Gasoline ^B	Gasoline	L	-	-	-	-	-	11.4	26.6	49.9	71.8	59.1	-
Renewable Naphtha ^B	Gasoline	L	-	-	-	-	-	-	-	-	2.4	10.7	-

Table 2 – Annual fuel volumes (million units) and percentages subject to the low carbon fuel requirement

A – Quantities represent 2/3 of the 18 month compliance period ending December 31, 2014

B – Renewable diesel, renewable gasoline and renewable naphtha can be produced by co-processing biogenic feedstocks alongside crude oil in a refinery or at renewable diesel production facilities.



Transportation Energy Use

Transportation energy use has generally trended upward over this period, except for the drop in use due to the COVID-19 pandemic. Year over year, an increasing proportion of energy demand is being met by fuels with lower carbon intensities than the fossil fuels they replace.

											2010
	2014 ^A	2015	2016	2017	2018	2019	2020	2021	2022	2023	(Baseline)
Diesel	143.2	133.1	131.1	142.7	147.3	143.0	125.1	131.5	132.1	117.9	127.7
Gasoline	156.9	160.6	169.0	168.8	164.7	167.6	145.5	152.6	147.6	148.2	164.5
Biodiesel	3.7	3.8	3.8	3.8	4.1	4.0	3.8	4.4	4.8	4.7	2.3
CNG	0.4	0.6	0.7	0.8	1.0	1.2	1.3	1.4	1.5	1.6	9.7E-03
Electricity	0.6	0.7	0.7	0.8	0.9	0.9	1.0	1.2	1.3	1.6	0.7
Ethanol	7.1	8.1	8.8	8.9	8.7	7.9	7.2	8.5	10.1	11.1	5.5
HDRD	4.6	4.4	2.7	3.9	4.2	7.8	12.6	12.6	13.5	25.4	1.1
Hydrogen	1.2E-02	1.4E-04	1.6E-04	1.6E-04	2.0E-04	3.7E-04	4.3E-04	1.7E-03	3.9E-03	3.7E-03	2.1E-02
LNG	0.3	0.5	0.5	0.6	1.0	1.3	1.4	1.3	1.6	1.5	-
Propane	1.6	1.8	1.8	1.7	1.7	1.7	1.5	1.4	1.3	1.2	4.0E-02
Renewable Diesel	-	-	-	-	-	0.1	0.3	0.8	0.8	0.7	-
Renewable Gasoline	-	-	-	-	-	0.4	0.9	1.7	2.5	2.0	-
Renewable Naphtha	-	-	-	-	-	-	-		0.1	0.4	-
Total	318.4	313.4	319.1	332.0	333.6	336.0	300.6	317.6	317.1	316.2	301.9

Table 3 – Annual energy in Petajoules supplied by Part 3 fuels

A – Quantities represent 2/3 of the 18 month compliance period ending December 31, 2014



Carbon Intensity

Fuel producers may apply for a unique carbon intensity based on the specific lifecycle parameters of the fuel they produce. Once the carbon intensity is approved, anyone who supplies that fuel must use the approved carbon intensity and corresponding B.C. low carbon fuel code. For the current list of approved carbon intensities and fuel codes, see: <u>RLCF-012</u>: <u>Approved Carbon Intensities - Current</u>.

To encourage producers to apply for specific carbon intensities, precautionarily high default carbon intensities were set for each fuel type.

	2014	2015	2016	2017 [₿]	2018	2019	2020	2021	2022	2023	2010 (Baseline)
Biodiesel	20.37	16.07	15.37	6.49	2.48	-1.62	-3.39	-3.06	-2.54	-2.82	15.23
CNG	62.14	62.14	62.14	63.64	63.64	62.41	60.95	58.66	60.92	55.92	59.74
Electricity	11.00	11.00	11.00	19.73	19.73	19.73	19.73	19.73	19.73	19.73	11.94
Ethanol	49.74	49.47	41.00	32.51	30.43	29.18	31.73	30.86	28.39	23.68	55.51
HDRD	24.72	16.37	16.40	20.08	20.27	17.87	15.12	16.10	16.83	23.21	48.04
Hydrogen	95.51	95.51	95.51	96.82	96.82	91.26	96.82	46.66	55.36	58.35	92.06
LNG	63.26	63.26	63.26	63.08	63.04	64.70	63.99	62.95	63.42	63.30	-
Propane	68.46	68.17	68.02	67.97	67.84	67.52	67.60	67.77	67.34	67.35	78.29
Renewable Diesel	-	-	-	-	-	-0.21	3.81	7.40	5.26	4.52	-
Renewable Gasoline	-	-	-	-	-	-5.94	3.86	-5.92	-4.21	-3.71	-
Renewable Naphtha	-	-	-	-	-	-	-	-	30.98	33.35	-

Table 4^A – Annual weighted average carbon intensity (gCO₂e/MJ) of fuels reported

A – The calculation of average carbon intensity for ethanol, biodiesel and HDRD excludes the small volumes of biofuels reported with a default carbon intensity

B – Changes in carbon intensities occurred as a result of adopting newer versions of the lifecycle assessment model, GHGenius, on January 1, 2017



litres) by carbon intensity range (gCO ₂ e/MI)	Table 5 – Gasoline class renewable content (Ethanol + Renewable Gasoline + Renewable Naphtha) supplied (million
	litres) by carbon intensity range (gCO₂e/MJ)

				-							2010
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	(Baseline)
< 0	-	-	-	-	-	11.4	15.7	49.9	69.4	58.2	-
0 to 10	-	-	-	-	-	94.1	47.0	33.6	1.0	-	-
10 to 20	1.8	17.2	64.3	105.0	124.1	2.9	11.2	0.1	54.5	170.6	-
20 to 30	-	-	-	-	3.0E-02	11.0	22.7	130.5	194.1	185.5	-
30 to 40	12.9	2.4	93.0	219.6	211.2	196.9	203.7	151.2	139.1	93.0	15.1
40 to 50	115.2	108.5	102.8	19.8	14.9	14.9	23.7	20.3	26.6	13.4	0.5
50 to 60	157.2	177.5	108.2	31.3	20.1	14.7	9.1	18.6	14.0	7.0	132.1
60 to 70	11.4	37.2	6.8	3.8E-02	-	-	1.0	5.3	2.3	-	54.2
CI > 70	-	-	-	-	-	-	-	-	-	-	-
Default	0.4	-	-	0.3	-	1.7E-03	8.2E-03	0.3	1.0	0.1	32.8

Table 6 – Diesel class renewable content (Biodiesel + HDRD + Renewable Diesel) supplied (million litres)
by carbon intensity range (gCO₂e/MJ)

											2010
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	(Baseline)
< 0	-	-	1.7	10.0	35.0	48.2	61.8	69.1	83.7	93.4	-
0 to 10	18.6	11.1	25.3	87.9	97.6	148.4	170.0	65.1	64.9	49.7	-
10 to 20	122.2	182.8	118.5	76.6	56.9	65.7	208.8	305.2	289.9	25.6	39.0
20 to 30	46.5	19.2	30.7	35.4	39.4	63.9	19.8	51.0	86.8	673.7	6.6
30 to 40	9.4	9.7	1.2	0.4	1.3	5.4	-	-	0.2	1.7	-
40 to 50	19.6	-	-	-	-	-	-	-	-	-	30.6
50 to 60	6.4	-	-	-	-	-	-	-	-	-	-
CI > 60	3.7	-	-	2.7	-	-	-	-	-	-	-
Default	0.2	-	-	-	-	-	1.0E-03	-	-	-	15.5



Biofuel Feedstocks

As part of the approval process for the carbon intensity of a fuel, the producers are required to identify the feedstock being used to manufacture the fuel. This allows the Ministry to quantify the fuels that were supplied in each year by feedstock.

					<u></u>				-		2010
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	(Baseline)
Barley & Wheat	12.8	0.2	1.0	-	-	-	-	-	-	-	-
Biodiesel Bottoms	-	-	-	-	-	-	6.2	1.6	2.1	-	-
Canola	76.8	91.3	95.5	92.9	79.0	64.8	81.3	69.3	76.9	287.5	38.6
Canola & Soy	-	-	-	-	-	-	-	-	-	-	3.2
Canola & Tallow	-	-	-	-	-	-	-	-	-	-	-
Corn	270.7	287.0	269.2	236.0	244.8	190.2	170.4	254.7	323.4	312.3	66.5
Corn Oil	7.1	1.5	1.3	-	-	-	-	-	-	3.9	-
Corn & Wheat	-	-	-	-	-	-	-	-	-	-	121.8
Fatty Acid Distillate								6.5	4.4	-	-
Palm Sludge Oil (PSO)	92.7	71.6	43.7	-	-	3.1	1.3	-	-	-	-
Pea Starch						0.1	0.1	0.02	-	-	
Refined Palm Oil (RPO)	29.7	-	-	-	-	-	-	-	-	-	30.6
Renewable Natural Gas ^A	-	-	-	-	-	0.8	1.6	3.0	1.4	4.4	-
Sorghum	-	-	-	-	-	-	-	-	-	11.6	-
Soy	15.2	11.1	9.5	14.4	36.5	54.3	55.3	60.9	101.1	57.0	14.8
Spent Bleaching Earth Oil (SBEO)		_	_	34.6	27.6	33.8	_		_	_	_
Sugarbeet & Potato Waste				54.0	27.0	55.0		0.6	-	11.9	-
Tallow	-	0.3	0.4	0.5	3.7	44.6	24.4	35.1	38.7	56.2	-
Unknown	0.6	-	-	-	-	1.7E-03	9.2E-03	-	-	-	25.6
Water								9.66E-03	1.84E-02	1.63E-02	-
Wheat	16.8	55.6	104.9	139.9	133.1	144.4	136.9	104.2	93.4	132.7	25.2
Yellow Grease (UCO)	3.2	46.8	26.9	27.9	72.5	142.5	318.3	288.9	275.8	423.3	-

Table 7 – Annual renewable fuel volume by feedstock supplied (million litres)

A – The volume of renewable natural gas feeds tock is represented in millions of $\ensuremath{\mathsf{m}}^3$



Credit and Debit Generation

Fuel suppliers generate credits for supplying fuels with a carbon intensity below annual carbon intensity limits and receive debits for supplying fuels with a carbon intensity that exceeds the limits. The debits and credits are proportional to the emissions a fuel generates over its full life cycle. Credits or debits for a quantity of fuel in a given compliance year are calculated by the following formula:

Credit or Debit = (CI fuel class x EER fuel – CI fuel) x EC fuel /1,000,000

Where:

- Credit or Debit = the number of credits generated, if the number is positive, or the number of debits incurred, if the number is negative, for the compliance period
 - CI fuel class = the prescribed carbon intensity limit for the compliance period for the class of fuel of which the fuel is a part
 - EER fuel = the prescribed energy effectiveness ratio for that fuel in that class of fuel
 - CI fuel = the carbon intensity of the fuel
 - EC fuel = the energy content of the low carbon fuel calculated using the prescribed energy densities

Values for the Credit or Debit formula for 2023 and earlier, including CI fuel class, EER and prescribed energy densities are published in the <u>Renewable & Low Carbon Fuel Requirements Regulation</u>.



Ministry of Energy and Climate Solutions

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	Fuel					<u>, </u>	,				
	Class	2013-14	2015	2016	2017	2018	2019	2020	2021	2022	2023
Diesel	Diesel	(238,201)	(299,357)	(409,470)	(649,293)	(872,718)	(997,492)	(971,832)	(1,192,028)	(1,411,061)	(1,520,879)
Gasoline	Gasoline	(245,043)	(340,347)	(500,784)	(729,216)	(922,015)	(1,125,260)	(1,081,031)	(1,288,310)	(1,466,459)	(1,778,471)
Biodiesel ^A	Diesel	402,547	283,579	287,813	317,198	352,323	357,746	338,939	389,414	412,853	396,252
CNC	Diesel	9,572	10,447	11,659	13,744	15,097	18,473	21,329	25,467	22,183	27,833
CNG	Gasoline	1,770	1,276	986	674	559	543	485	422	413	385
	Diesel	232,071	154,282	151,206	164,162	162,211	158,457	151,640	152,206	158,973	156,583
Electricity	Gasoline	425	866	9,342	14,688	29,772	53,348	80,091	117,151	130,124	190,851
Ethanol ^A	Gasoline	385,064	288,175	382,431	454,515	453,956	409,634	350,803	409,406	505,327	579,667
HDRD	Diesel	464,919	329,343	197,776	270,095	285,936	543,505	893,038	866,476	905,646	1,487,869
Ludrogon	Diesel	1,405	-	-	-	9	8	2	4	2	-
Hydrogen	Gasoline	0	16	18	18	8	28	42	247	537	484
LNG	Diesel	14,216	12,747	12,870	17,150	26,211	29,062	30,508	29,670	32,217	28,389
Propane	Diesel	-	-	-	-	-	-	-	-	-	138
Propane	Gasoline	42,906	30,431	29,169	27,413	24,625	22,659	18,368	16,321	14,461	10,347
Renewable Diesel	Diesel	-	-	-	-	-	10,349	28,615	65,250	66,968	50,881
Renewable Gasoline	Gasoline	-	-	-	-	-	34,320	70,400	147,240	202,095	163,674
Renewable Naphtha	Gasoline	-	-	-	-	-	-	-	-	3,757	15,015
Total Net (Debi		1,071,651	471,458	173,016	(98,852)	(444,026)	(484,620)	(68,603)	(261,064)	(421,964)	(190,982)

Table 8 – Net credits (debits) generated by fuel

A – Some biodiesel and ethanol were reported using the default carbon intensity resulting in debits. The data reflects the net number of credits generated in the compliance period



Lifecycle Greenhouse Gas Emissions Avoided

"Emissions avoided" for a given compliance period means the avoided lifecycle emissions calculated according to the following formula. Most fuels have lifecycle emissions that occur in several jurisdictions. The values below therefore include emission reductions that occur in British Columbia and elsewhere.

Tonnes of $CO_2e = (CI \text{ fossil fuel displaced x EER fuel - CI fuel}) \times EC \text{ fuel } /1,000,000$ Avoided

Where:

- CI fossil fuel displaced = the carbon intensity prescribed for the displaced fuel in that compliance period
 - EER fuel = the prescribed energy effectiveness ratio of the low carbon fuel
 - CI fuel = the carbon intensity of the low carbon fuel
 - EC fuel = the energy content of the low carbon fuel calculated using prescribed energy densities



Ministry of Energy and Climate Solutions Renewable and Low Carbon Fuel Requirements

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	2014 [₿]	2015	2016	2017	2018	2019	2020	2021	2022	2023	2010 (Baseline)
Biodiesel	273,195	292,410	300,376	335,198	377,524	388,282	371,532	432,035	463,759	456,614	176,238
CNG	7,935	12,947	14,576	17,939	21,025	27,063	31,950	38,398	37,280	46,637	294
Electricity	157,051	159,314	166,637	189,087	206,501	231,838	256,922	302,559	329,079	407,088	159,245
Ethanol	264,753	305,801	409,500	493,529	503,998	465,265	408,865	485,510	606,177	712,276	192,072
HDRD	315,406	339,641	206,529	288,400	311,712	602,947	1,001,285	987,642	1,049,473	1,815,150	50,564
Hydrogen	963	17	20	20	20	42	53	288	634	594	1,821
LNG	9,858	13,814	14,428	20,168	32,529	38,863	42,360	42,592	48,868	48,125	-
Propane	30,361	34,347	34,676	35,062	34,306	34,426	30,107	29,169	27,696	24,746	478
Renewable Diesel	-	-	-	-	-	11,247	31,607	73,353	76,042	59,367	-
Renewable Gasoline	-	-	-	-	-	37,100	77,793	162,761	226,856	188,270	-
Renewable Naphtha	-	-	-	-	-	-	-	-	4,548	19,226	-
Total	1,059,522	1,158,291	1,146,742	1,379,403	1,487,615	1,837,073	2,252,474	2,554,307	2,870,412	3,778,093	580,711

Table 9^A – Lifecycle emissions avoided (tonnes CO₂e) by fuel

A – The calculations in this table do not account for the difference in efficiency between compression ignition engines (i.e. diesel) and spark ignition engines (i.e. gasoline), and are therefore conservative estimates of emissions avoided for those fuels that were consumed in a compression ignition engine. Prior to July 1, 2013, compression ignition engines were prescribed an EER of 1.2 under the Regulation (relative to spark ignition engines)

B - Quantities represent 2/3 of the 18 month compliance period ending December 31, 2014



Credit Market Scope

Fuel suppliers generate credits by supplying a fuel with a carbon intensity below the prescribed carbon intensity limit and incur debits when supplying a fuel with a carbon intensity above the limit (e.g., petroleum-based gasoline and diesel). In addition, fuel suppliers may also enter into Initiative Agreements with the director to earn credits for actions that have a reasonable possibility of reducing GHG emissions. The table below shows the quantity of debits incurred and credits generated each year.

Compliance Period	Debits Incurred from Fuel Supply	Credits Generated from Fuel Supply	Credits Awarded from Initiative Agreements	Surplus Credits (Debits)
2013	(161,091)	518,308	-	357,217
2014	(322,182)	1,036,616	-	714,434
2015	(639,704)	1,111,162	66,355	537,813
2016	(910,254)	1,083,270	166,636	339,652
2017	(1,379,343)	1,280,491	97,833	(1,019)
2018	(1,794,734)	1,350,708	200,592	(243,434)
2019	(2,122,753)	1,638,133	231,774	(252,846)
2020	(2,052,864)	1,984,261	188,853	120,250
2021	(2,480,410)	2,219,346	475,561	214,497
2022	(2,877,866)	2,455,902	279,985	(141,979)
2023	(3,299,641)	3,108,659	497,989	307,007
Total	(18,040,842)	17,786,856	2,205,578	1,951,592

Table 10 – Credit Market Scope

The credits awarded from Initiative Agreements are for the completion of project milestones during a given compliance period. For the 2013 and 2014 time periods, the quantities of debits and credits represent 1/3 and 2/3, respectively of the 18-month compliance period ending December 31, 2014.

BRITISH COLUMBIA	Ministry of Energy and Climate Solutions	Renewable and Low Carbon Fuel Requirements Summary for 2010 - 2023
	Revised: July 2024	Information Bulletin RLCF-007-2023

Need more information?

Please visit the Low Carbon Fuels website at <u>www.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 legal advice. It is recommended that parties who may be fuel suppliers review the *Greenhouse Gas Reduction (Renewable and Low Carbon Fuel Requirements) Act* and the Renewable and Low Carbon Fuel Requirements Regulation and seek independent legal advice to confirm their status, legal obligations and opportunities. The *Greenhouse Gas Reduction (Renewable and Low Carbon Fuel Requirements) Act* and the Renewable and Low Carbon Fuel Requirements Regulation can be found at: http://www.bclaws.ca.