

Annual Report Of Registry Operations For 2025
Emissions Trading Regulation, Section 15 (Alberta Regulation 33 /2006)
Environmental Protection and Enhancement Act (EPEA)

Table 1: Annual Report of Registry Operations in Calendar Year 2025

In respect of the preceding year: (a) the number of emission credits issued;	5,900 NO _x credits and 9,305 of SO ₂ credits. See Appendix A's Table A1 for serial numbers. 70 extra NO _x credits accidentally created to Muskeg and retired to Alberta Environment's utility account that are not included in above total. The 70 are not included in the 5,900 total.
(b) the number of emission credits that have been used for compliance purposes, retired, cancelled or otherwise extinguished;	32 NO _x and 0 SO ₂ credits were retired to 2024 retirement accounts. See Appendix C for serial numbers.
(c) the number of emission credits discounted and what that discount represents;	The total number of active credits in the Registry that are subject to discount at of the end of 2025 (January 1, 2026) included all credits with a vintage of 2023 or earlier and that number is 94,752 NO _x credits and 65,114 SO ₂ credits. These credits are discounted by 10%. The 10% discount represents 9,452 tonnes of NO _x and 6,511 tonnes of SO ₂ .
(d) the number of transactions recorded by the registry;	There were no inter-firm transactions in 2025.
(e) the aggregate balance of emission credits recorded by the registry;	100,375 NO _x credits and 651145 SO ₂ credits (balance as of January 1, 2026).
(f) the aggregate mass balance of emission credits after discounting;	On January 1, 2024, 90,899 tonnes of NO _x and 58,602 tonnes of SO ₂ .

Approved June 29, 2026.

Laura Gray-Steinhauer or Robert Hamaliuk
Executive Director, Air and Climate Policy
Emissions Trading Regulation's Section 1(1)(n) Director
Alberta Environment and Protected Areas

Appendix A: Credits Issued and Baselines Established in 2024 and Their Serial Numbers

Table A1: Credits Serial Numbers Issued and Baselines Established In 2024

EPEA Approv- al	Facility	Unit	2021 NOX Credits	2021 SO2 Credits	2022 NOX Credits	2022 SO2 Credits	2023 NOX Credits	2023 SO2 Credits	Base- line (kg/ MWh)	Serial Begin	Serial End	Serial End C;lakds;lkjfCoNotes
773	Genesee	Unit 1&2			1435					n2022-000001	n2022-001435	all to unit 1
773	Genesee	Unit 1&2					997			n2023-000001	n2023-000997	all to unit 1
773	Genesee	Unit 1&2						1475		s2023-000001	s2023-001475	all to unit 1
773	Genesee	Unit 3			136					n2022-001436	n2022-001571	
773	Genesee	Unit 3				551				s2022-000001	s2022-000551	
1512	Battle River	Unit 5	1876							n2021-000432	n2021-002307	
1512	Battle River	Unit 5		7279						s2021-000386	s2021-007664	
69209	Rainbow Lake	Unit 4	236							n2021-002308	n2021-002543	
69209	Rainbow Lake	Unit 4			259					n2022-001572	n2022-001830	
69209	Rainbow Lake	Unit 5	54							n2021-002544	n2021-002597	
69209	Rainbow Lake	Unit 5			60					n2022-001831	n2022-001890	
73899	Muskeg	Unit 1	98							n2021-002598w	n2021-002695w	
73899	Muskeg	Unit 1			88					n2022-001891w	n2022-001978w	
73899	Muskeg	Unit 2	82							n2021-002696w	n2021-002777w	
73899	Muskeg	Unit 2			85					n2022-001979w	n2022-002063w	
73899	Muskeg	Unit 2	70							n2021-002778w	n2021-002847w	Government error in creating and so retired.
147709	Valleyview	Unit 2	70							n2021-002848	n2021-002917	
147709	Valleyview	Unit 2			58					n2022-002064	n2022-002121	
138365	Cavalier	Unit 1			17					n2022-002122	n2022-002138	
136858	Balzac	Unit 1			38					n2022-002139	n2022-002176	
136858	Balzac	Unit 1					37			n2023-000998	n2023-001034	
262757	Shepard	Unit 1			133					n2022-002177w	n2022-002309w	w manually added.
262757	Shepard	Unit 1					141			n2023-001035w	n2023-001175w	w manually added.
360131	Medicine Hat	Unit 16							0.3			
360131	Medicine Hat	Unit 17							0.3			

Appendix B: Registry Errata

Table B.1: Credits Created in Error. All errors from 2006 to June 2025

Emissions Trading Registry: ERRATA for credits created in error.
Emissions Trading Regulation (Alberta Regulation 33/2006)
Updated 2025-06-23

Start Serial Number	End Serial Number	Total	EPEA	Erroneously created by Alberta Environment to credit of this unit.	Year the error occurred.	Erroneously created credits retired to this account: "Alberta Environment – Retire" for year:
N2010-006131	N2010-006279	-149	9830	Sundance 3	2013	2013
N2006-000108	N2006-000112	-5	1512	Battle River 3	2010	2010
N2007-000047	N2007-000084	-38	1512	Battle River 3	2010	2010
N2008-000407	N2008-000526	-120	138365	Calgary Energy Centre	2010	2010
S2006-000001	S2006-000002	-2	1512	Battle 3	2010	2010
S2007-000001	S2007-000011	-11	1512	Battle 3	2010	2010
S2015-000001	S2015-000963	-963	773	Genesee 2	2017	2017
NS015-004410	N2015-004506	-97	9830	Sundance 4	2017	2017
S2015-003257	S2015-003407	-151	773	Genesee 3	2017	2017
N2015-007904w	N2015-007941w	-38	73899	Muskeg 2	2018	2018
N2021-002778w	N2021-002847w	70	73899	Should be to Valleyview 2 - 147709 but created to Muskeg Unit 2 - 73899	2025	2025

**Table B.2:
Credits Retired For Correct Unit's Obligation But Wrong Compliance Year - All errors from 2006 to 2024**

Emissions Trading Registry: ERRATA for credits retired for compliance purposes.

Emissions Trading Regulation (Alberta Regulation 33/2006)

As of 2024 June 17

Start of Credit Series	End of Credit Series	Number of Credits	Incorrect Retirement Year In Registry	Correct Retirement Year	In This Unit's Retirement Account
N2012-004109	N2012-004289	181	2013	2014	ATCO - 001512 Battle River - 3
N2013-002919	N2013-002956	38	2013	2014	ATCO - 001512 Battle River - 3
S2006-000003	S2006-000181	179	2007	2014	ATCO - 001512 Battle River - 3
S2006-000363	S2006-000999	637	2007	2014	ATCO - 001512 Battle River - 3
S2006-001000	S2006-001349	350	2007	2014	ATCO - 001512 Battle River - 3
S2007-000303	S2007-000999	697	2013	2014	ATCO - 001512 Battle River - 3
S2007-001000	S2007-001999	1000	2013	2014	ATCO - 001512 Battle River - 3
S2007-002000	S2007-002156	157	2013	2014	ATCO - 001512 Battle River - 3
S2008-002465	S2008-002704	240	2013	2014	ATCO - 001512 Battle River - 3
S2012-001582	S2012-002001	420	2013	2014	ATCO - 001512 Battle River - 3
S2010-000001	S2010-000027	27	2016	2017	ATCO - 001512 Battle River – 4
N2018-000684	N2018-000699	16	2021	2022	TransAlta – 009830 Sundance - 4

Start of Credit Series	End of Credit Series	Number of Credits	Retirement Year	Nominally Retired To Credit of This Unit	Correct Unit
s2006-005119	s2006-5129	11	2018	ATCO - 001512 Battle River - 3	ATCO - 001512 Battle River - 4

Appendix C: Provisional Compliance Report Issued In 2024

Table C.1: Credits Used For Compliance Purposes 2025

Transaction ID	Data Received	Logged E	Trans- action Part	Of this number of parts	Substan	Type	Requested By	From Account	From Account Type	To Account	To Account Type	Registry Error or No	First Credit	Last Credit	Total
2025-RN001	3/3/2025	Dobson	1	1	nox	discounted	ALPAC	111	Holding	111	Retiring 2024	none	n2017-000053	n2017-000081	29
2025-RN002	2025 June 23	Dobson	1	1	nox	discounted	ALPAC	111	Holding	111	Retiring 2024	none	n2017-000082	n2017-000084	3

Figure C.1: Compliance Report issued in 2025 for two previous years.



Air And Climate Policy Branch
12th Floor
Baker Centre
10025 106 Street NW
T3J 1G4 Canada
www.alberta.ca

May 21, 2025

Re: **Provisional Compliance Report For Calendar Year 2023 and 2024**
Emissions Trading Regulation, Section 55 (Alberta Regulation 33 / 2006)

Table 1 lists the number of credits retired towards emission limits in Environmental Protection and Enhancement Act (EPEA) approvals.

Table 1: Summary of Section 55 Reporting for 2023 and 2024

EPEA Approval	111	
Facility	Alberta-Pacific Forest Industries Inc.	
EPEA Approval Holder	Alberta-Pacific Forest Industries Inc.	
Unit	3	
Compliance Year	2023	2024
Generation (MWh)	34,284	10,927
Substance	NOx	NOx
Emission Limit (kg/MWh)	0.6	0.6
Emissions (kilograms)	66,624	35,381
Actual Intensity (kg/MWh)	1.943	3.238
Credits Needed (tonnes)	46	29
Credits Used For 2023 or 2024 Compliance Purpose (credits)	51	32*
Mass Value of Retired Credits if Discounting Applies (tonnes)	46	29

* This adjustment made 2025/06/23 because ALPAC made a retirement of 29 and then an additional 3 credits on 2025/06/23.

Approved June 4, 2025.

Robert Hamaliuk
Executive Director, Air and Climate Policy Branch
Emissions Trading Regulation's Section 1(1)(n) Director
Alberta Environment and Protected Areas

Attachment 1: Serial numbers retired.
Attachment 2: Extract from regulation.

Attachment 1: Serial Numbers Retired

Table 1.1: Credits Used For Compliance Purposes For Compliance Year 2023

Transaction ID	Data Received	Logged E	Trans- action Part	Of this number of parts	Substan	Type	Requested By	From Account	From Account Type	To Account	To Account Type	Registry Error or Note	First Credit	Last Credit	Total
2024-RN001	2024-03-14	Dobson	1	1	nox	discounted	ALPAC	111 unit 3	Holder	111 unit 3	Retiring 2023	none	n2017-000002	n2017-000047	46
2024-RN002	2024-03-14	Dobson	1	1	nox	discounted	ALPAC	111 unit 3	Holder	111 unit 3	Retiring 2023	none	n2017-000048	n2017-000052	5

Table 1.2: Credits Used For Compliance Purposes For Compliance Year 2024**

Transaction ID	Data Received	Logged E	Trans- action Part	Of this number of parts	Substan	Type	Requested By	From Account	From Account Type	To Account	To Account Type	Registry Error or No	First Credit	Last Credit	Total
2025-RN001	3/3/2025	Dobson	1	1	nox	discounted	ALPAC	111	Holding	111	Retiring 2024	none	n2017-000053	n2017-000081	29

** Alberta Environment and Protected Areas is clarifying with ALPAC EPEA 111 whether 2 extra credits are needed for 2024 compliance.

Attachment 2: Excerpts From Regulation

How emission credits are used for compliance purposes

45 An emission credit may be used by a unit operator for compliance purposes in respect of a generating unit if the unit operator

- (a) has authority under its approval to use emission credits for compliance purposes, and
- (b) provides to the registry operator by April 30 of the year following the year in which the emission credits are used
 - (i) confirmation of their use, and
 - (ii) the serial number of each emission credit used.

Annual Reports

55(1) On or before March 31 of each year, in respect of the preceding year, a unit operator who has an emissions trading account must submit to the registry operator a report showing

- (a) the annualized air emissions data for NO_x and, if applicable, for SO₂ for each of the unit operator's generating units, and
- (b) the annual MWh output for each of the unit operator's generating units.

(2) On or before May 31 of each year, a unit operator who has used emission credits for compliance purposes in respect of the generating unit for the previous year must submit to the registry operator a report

- (a) containing a notification from the registry operator that the emission credits have been retired, and
- (b) that includes the following calculation for NO_x and, if applicable, for SO₂ indicating the number of NO_x and SO₂ emission credits retired for compliance purposes for the previous year:

$$\frac{A - (B \times C)}{1000}$$

Where

A is the actual emissions in kilograms;

B is the annual MWh output for the generating unit for the year;

C is the current emissions standards.

Appendix D: Requirements for the Annual Report of Registry Operations

Excerpt from Emissions Trading Regulation (AR 33 / 2006)

Annual report of registry operations

15 The registry operator must, on or before June 30 of each year, or any other date specified by the Minister, prepare and publish a report containing at least the following information in respect of the preceding year:

- (a) the number of emission credits issued;
- (b) the number of emission credits that have been used for compliance purposes, retired, cancelled or otherwise extinguished;
- (c) the number of emission credits discounted and what that discount represents;
- (d) the number of transactions recorded by the registry;
- (e) the aggregate balance of emission credits recorded in the registry.