

**Annual Report Of Registry Operations For 2018  
Emissions Trading Regulation, Section 15  
(Alberta Regulation 33 /2006, Environmental Protection and Enhancement Act)**

**\*\*\* Republishing correcting clerical errors of original. \*\*\***

**Table 1: Annual Report of Registry Operations in Calendar Year 2018**

In respect of the preceding year: (a) the number of emission credits issued;	693 of NO <sub>x</sub> credits and 824 of SO <sub>2</sub> credits.
(b) the number of emission credits that have been used for compliance purposes, retired, cancelled or otherwise extinguished;	5,852 NO <sub>2</sub> and 11,241 SO <sub>2</sub> credits were retired.
(c) the number of emission credits discounted and what that discount represents;	The total number of credits in the Registry that were subject to discount at of the end of 2018 (January 1, 2019) included all credits with a vintage of 2016 or earlier and that number is 70,818 NO <sub>x</sub> credits and 37,217 SO <sub>2</sub> credits. These credits are discounted by 10%.  The 10% discount represents 7,081 tonnes of NO <sub>x</sub> and 3,721 tonnes of SO <sub>2</sub> .
(d) the number of transactions recorded by the registry;	No transactions were made.
(e) the aggregate balance of emission credits recorded by the registry;	73,566 NO <sub>x</sub> credits and 37,217 SO <sub>2</sub> credits (balance as of January 1, 2019).
(f) the aggregate mass balance of emission credits after discounting;	66,484 tonnes of NO <sub>x</sub> and 33,496 tonnes of SO <sub>2</sub> .

\_\_\_\_\_ **Original Signed** \_\_\_\_\_ , **June 22, 2020** \_\_\_\_\_  
Sandra Honour Date  
Executive Director, Policy Systems Branch  
Emissions Trading Regulation's Section 1(1)(n) Director  
Alberta Environment and Parks

## Appendix A: Credits Issued in 2018 and Their Serial Numbers

**Table A.1: Credits Issued**

EPEA	Company	Facility	Unit	2015 NO <sub>x</sub>	2015 SO <sub>2</sub>	2016 NO <sub>x</sub>	2016 SO <sub>2</sub>	Start	End	Total
1512	ATCO	Battle River	Unit 4		28			s2015-003769	s2015-003796	28
1512	ATCO	Battle River	Unit 5		372			s2015-003797	s2015-004168	372
1512	ATCO	Battle River	Unit 5				424	s2016-000001	s2016-000424	424
69209	ATCO	Rainbow Lake	Unit 4	246				n2015-007559	n2015-007804	246
69209	ATCO	Rainbow Lake	Unit 4			235		n2016-000001	n2016-000235	235
73899	ATCO	Muskeg 1	Unit 1	61				n2015-007805w	n2015-007865w	61
73899	ATCO	Muskeg 1	Unit 1			54		n2016-000236w	n2016-000289w	54
73899	ATCO	Muskeg 2	Unit 2	38				n2015-007866w	n2015-007903w	38
73899	ATCO	Muskeg 2	Unit 2			42		n2016-000290w	n2016-000331w	42
136858	Nexen	Balzac	Unit 1	7				n2015-007942	n2015-007948	7
136858	Nexen	Balzac	Unit 1			10		n2016-000332	n2016-000341	10
<b>Total Credits by Year</b>				352	400	341	424			
<b>Total Both Years NO<sub>x</sub></b>				693						
<b>Total Both Years SO<sub>2</sub></b>				824						

**Table A.2: Credits Issued Due to Clerical Error and Retired To Alberta Environment and Parts Account**

EPEA	Company	Facility	Unit	2015 NO <sub>x</sub>	2015 SO <sub>2</sub>	2016 NO <sub>x</sub>	2016 SO <sub>2</sub>	Start	End	Total
73899	ATCO	Muskeg 2	Unit 2	38				n2015-007904w	n2015-007941w	38

## Appendix B: Registry Errata (as of December 31, 2018)

### Table B.1: Credits Created in Error (As of June 11, 2019)

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

### Table B.2 Credits Retired For Correct Unit and Obligation But Wrong Compliance Year or Unit (As of June 11, 2019)

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

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: 2017 Provisional Compliance Report Published In 2018**



Policy and Planning Division  
 Oxbridge Place 10<sup>th</sup> Floor  
 9820 – 106 Street  
 Edmonton, Alberta T6H 2K5  
 Canada  
[www.alberta.ca](http://www.alberta.ca)

June 28, 2018

**Re: Provisional Compliance Report For Calendar Year 2017  
 Emissions Trading Regulation, Section 55 (Alberta Regulation 33 /2006)**

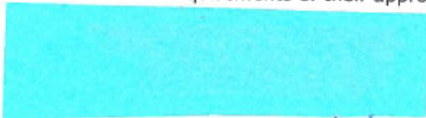
**Table 1:  
 Section 55 Reporting – Summary Compiled by Registry Operator for 2017**

Approval	9814		1512			
Facility	HR Milner		Battle River			
EPEA Approval Holder	Milner Power Corp		ATCO			
Unit	1		3		4	
Generation (MWh)	84,972		23,047		246,036	
Substance	SO2	NOx	SO2	NOx	SO2	NOx
Emission Limit (kg/MWh)	0.65	0.47	0.65	0.47	0.65	0.47
Emissions (kilograms)	263,000	190,820	117,225	52,704	1,119,902	502,675
Actual Intensity (kg/MWh)	3.095	2.246	5.086	2.286	4.552	2.043
Credits Needed (tonnes)	207	150	102	41	959	387
Credits Retired to the Benefit of 2017 (credits)	230*	167*	102**	46*	264* + 722**	430*
Mass Value of Retired Credits (tonnes)	207	150	102	41	959	387

\* Discounted.

\*\* Undiscounted.

This provisional report indicates EPEA approval holders retired sufficient credits to satisfy the requirements of their approval in regard of annual NOx and SO2 limits.



*Original signed*

Marilea Pattison-Perry  
 Director and Registry Operator for the Emissions Trading Regulation  
 Alberta Environment and Parks

## **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.