# FORM 13-501F1 CLASS 1 AND CLASS 3B REPORTING ISSUERS - PARTICIPATION FEE

#### MANAGEMENT CERTIFICATION

I an office	er of the reporting issuer noted below	have examined this Form 13-501E1 (th	ne <b>Form</b> ) h	eing suhmitted hereunder to	the Alberta
Securities Commission and certify that to my knowledge, ha	. •	•		-	tric Alberta
(s)					
Name:	Date:				
Title:					
Reporting Issuer Name:					
Find data of manipus financial uses.					
End date of previous financial year:		<del></del>			
Type of Reporting Issuer: Class	1 Reporting Issuer	Class 3B Reporting	g Issuer		
Highest Trading Marketplace:					
Market value of listed or quoted equity securities:					
Equity Symbol					
1st Specified Trading Period			to		
		(DD/MM/YY)		(DD/MM/YY)	
Closing price of the security in the class or series on the last		eriod in which such			
security was listed or quoted on the highest trading marketp	place		\$		(i)
Number of securities in the class or series of such security or	utstanding at the end of the last tradir	ng day of the			
specified trading period					(ii)
Market value of class or series		(i) x (ii)	\$		(A)
2nd Specified Trading Period			to		
		(DD/MM/YY)		(DD/MM/YY)	
Closing price of the security in the class or series on the last security was listed or quoted on the highest trading markets		eriod in which such	\$		(iii)
security massissed or quoted on the ingreest dualing markets	Auto		· —		(,
Number of securities in the class or series of such security or	utstanding at the end of the last tradir	ng day of the			C. A
specified trading period					(iv)
Market value of class or series		(iii) x (iv)	\$		(B)
3rd Specified Trading Period		(DD/MM/YY)	to	(DD/MM/YY)	<del></del>
Closing price of the security in the class or series on the last	trading day of the specified trading pe	eriod in which such			
security was listed or quoted on the highest trading marketp			\$		(v)
Number of securities in the class or series of such security or	uitstanding at the end of the last tradi-	ng day of the			
specified trading period	acatanung at the end of the last (radir	ng day of the			(vi)
Market value of class or series		(v) x (vi)	\$		(C)

4th Specified Trading Period		to			_
	(DD/MM/YY)			(DD/MM/YY)	
Closing price of the security in the class or series on the last trading day of the specified tradin security was listed or quoted on the highest trading marketplace	g period in which such		\$		_(vii)
Number of securities in the class or series of such security outstanding at the end of the last tr specified trading period	rading day of the				_(viii)
Market value of class or series	(vii) x (v	iii)	\$		_(D)
5th Specified Trading Period	(DD/MM/YY)	to	)	(DD/MM/YY)	_
Closing price of the security in the class or series on the last trading day of the specified tradin security was listed or quoted on the highest trading marketplace	g period in which such		\$		_(ix)
Number of securities in the class or series of such security outstanding at the end of the last tr specified trading period	rading day of the				_(x)
Market value of class or series	(ix) x	(x)	\$		_(E)
Average Market Value of Class or Series (Calculate the simple average of the market value of the class or series of security for each applicable sp. (i.e. A through E above))	pecified trading period		\$		_(1)
(Repeat the above calculation for each other class or series of equity securities of the reporting issuer (and a subsidered as s	diary, if applicable) that was listed or quoted o	n a marl	etplace at the	end of the previous financial year)	
Fair value of outstanding debt securities			\$		_(2)
(Provide details of how value was determined)					
Capitalization for the previous financial year	(1) + (	2)	\$		_
Participation Fee			\$		_
Late Fee, if applicable			\$		-
Total Fee Payable (Participation Fee plus Late Fee)			\$		_

# **RULES AND POLICIES**

## **APPENDIX A**

to ASC Rule 13-501 Fees
Participation Fees for Class 1 Reporting Issuers or Class 2 Reporting Issuers
(Paragraph 15(1)(a))

Capitalization for the Previous Fiscal Year	Participation Fee (effective December 1, 2016)
under \$10 million	\$400
\$10 million to under \$25 million	\$500
\$25 million to under \$50 million	\$1,200
\$50 million to under \$100 million	\$3,000
\$100 million to under \$250 million	\$6,500
\$250 million to under \$500 million	\$14,000
\$500 million to under \$1 billion	\$19,000
\$1 billion to under \$5 billion	\$28,000
\$5 billion to under \$10 billion	\$36,500
\$10 billion to under \$25 billion	\$42,500
\$25 billion and over	\$48,000

## **APPENDIX B**

to ASC Rule 13-501 Fees
Participation Fees for Class 3B Reporting Issuers
(Paragraph 15(1)(c))

Capitalization for the Previous Fiscal Year	Participation Fee (effective December 1, 2016)
under \$10 million	\$400
\$10 million to under \$25 million	\$500
\$25 million to under \$50 million	\$600
\$50 million to under \$100 million	\$1,000
\$100 million to under \$250 million	\$2,000
\$250 million to under \$500 million	\$4,500
\$500 million to under \$1 billion	\$6,000
\$1 billion to under \$5 billion	\$9,000
\$5 billion to under \$10 billion	\$11,500
\$10 billion to under \$25 billion	\$13,500
\$25 billion and over	\$15,500