

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

MANAGEMENT CERTIFICATION

Eugene Woychyshyn

I, _____, an officer of the reporting issuer noted below have examined this Form 13-501F1 (the **Form**) being submitted hereunder to the Alberta Securities Commission and certify that to my knowledge, having exercised reasonable diligence, the information provided in the Form is complete and accurate.

(signed) "Eugene Woychyshyn"

 (s)

March 30, 2020

Name: Eugene Woychyshyn

Date: March 30, 2020

Title: VP Finance & CFO

Reporting Issuer Name: NXT Energy Solutions Inc

End date of previous financial year: December 31, 2019

Type of Reporting Issuer: ☒ Class 1 Reporting Issuer ☐ Class 3B Reporting Issuer

Highest Trading Marketplace: TSX

Market value of listed or quoted equity securities:

Equity Symbol SFD

1st Specified Trading Period 01/01/2019 to 31/03/2019
 (DD/MM/YY) (DD/MM/YY)

Closing price of the security in the class or series on the last trading day of the specified trading period in which such security was listed or quoted on the highest trading marketplace \$ 0.40 (i)

Number of securities in the class or series of such security outstanding at the end of the last trading day of the specified trading period 68,573,558 (ii)

Market value of class or series (i) x (ii) \$ 27,429,423 (A)

2nd Specified Trading Period 01/04/2019 to 30/06/2019
 (DD/MM/YY) (DD/MM/YY)

Closing price of the security in the class or series on the last trading day of the specified trading period in which such security was listed or quoted on the highest trading marketplace \$ 0.59 (iii)

Number of securities in the class or series of such security outstanding at the end of the last trading day of the specified trading period 68,573,558 (iv)

Market value of class or series (iii) x (iv) \$ 40,458,399 (B)

3rd Specified Trading Period 01/07/2019 to 30/09/2019
 (DD/MM/YY) (DD/MM/YY)

Closing price of the security in the class or series on the last trading day of the specified trading period in which such security was listed or quoted on the highest trading marketplace \$ 0.36 (v)

Number of securities in the class or series of such security outstanding at the end of the last trading day of the specified trading period 68,573,558 (vi)

Market value of class or series (v) x (vi) \$ 24,686,481 (C)

	01/10/2019 (DD/MM/YY)	to	31/12/2019 (DD/MM/YY)	
4th Specified Trading Period				
Closing price of the security in the class or series on the last trading day of the specified trading period in which such security was listed or quoted on the highest trading marketplace			0.54 \$ _____	(vii)
Number of securities in the class or series of such security outstanding at the end of the last trading day of the specified trading period			64,406,891 _____	(viii)
Market value of class or series		(vii) x (viii)	34,779,721 \$ _____	(D)
5th Specified Trading Period	N/A (DD/MM/YY)	to	N/A (DD/MM/YY)	
Closing price of the security in the class or series on the last trading day of the specified trading period in which such security was listed or quoted on the highest trading marketplace			N/A \$ _____	(ix)
Number of securities in the class or series of such security outstanding at the end of the last trading day of the specified trading period			N/A _____	(x)
Market value of class or series		(ix) x (x)	N/A \$ _____	(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 specified trading period (i.e. A through E above))			31,838,506 \$ _____	(1)
----- (Repeat the above calculation for each other class or series of equity securities of the reporting issuer (and a subsidiary, if applicable) that was listed or quoted on a marketplace at the end of the previous financial year)				
Fair value of outstanding debt securities			NIL \$ _____	(2)
(Provide details of how value was determined)				
Capitalization for the previous financial year		(1) + (2)	31,838,506 \$ _____	
Participation Fee			1,200.00 \$ _____	
Late Fee, if applicable			0.00 \$ _____	
Total Fee Payable (Participation Fee plus Late Fee)			1,200.00 \$ _____	