

MEMORANDUM

TO: Members of the Audit Committee

FROM: Ellen Duffy Man Suffy

SUBJECT: Debt Report as of April 30, 2024

DATE: May 28, 2024

Attached please find the Corporation's Debt Report as of April 30, 2024. The last report presented to the Audit Committee was as of February 29, 2024.

During this time, the Corporation issued two series of Open Resolution bonds totaling \$322.3 million.

The Corporation did not redeem any bonds during this time.

The Corporation's debt outstanding as of April 30, 2024, is approximately \$16.3 billion. The Corporation's statutory debt capacity is \$19 billion.

HDC Debt -- Monthly Report as of April 30, 2024

Total HDC Debt														
	Open Res	olution	New Issue Bor	nd Program	Stand-Alone Bonds		MF Secured Re	solution	MF Pass-Thru Resolu	tion	Housing Impact B	onds	Total HDC Bonds	
Outstanding Principal	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent
Fixed Rate	9,561,120,000	80.04%	104,690,000	100%	1,482,111,865 (1)	48.17%	11,585,000	100%	51,403,667	100%	1,081,930,000.00	100.00%	12,292,840,532.35	
Var-Term Var-Index (2)/SOFR	197,330,000 1,395,910,000	1.65% 11.69%	-	0%	83,240.000	2.71% 0.00%	-	0% 0%	-	0%	-		280,570,000.00 1.395,910,000.00	
VRDO	790,435,000	6.62%	-	0%	1,511,440,000	49.12%		0%	<u> </u>	0%			2,301,875,000.00	
Total	11,944,795,000	100.00%	104,690,000	100%	3,076,791,865	100.00%	11,585,000	100%	51,403,667	100%	1,081,930,000.00	100.00%	16,271,195,532.35	100.00%
Draw Down Bond Allocations													0.00)
Government Debt Obligation Allocation													0.00)
Statutory Limit													19,000,000,000.00	11

SMBC SMBC

Royal Bank of Canada

19,000,000,000.00 2,728,804,467.65 14.36%

Open Variable Rate Exposure												
Series	Bond Total	Mortgage Loan Balance	Cash & Inv Balance	Bond Maturity	AVG Monthly Bond Rate	Rate/Reset Period/Index	Liquidity Provider	T/E Swap Notional(9)	Fixed T/E Swap Rate	T/E Swap Index	T/E Swap Maturity	T/E Swap Start Date
T/E Var-Index(BofA) 2022 B-2		10.268.838	700.000	2061	3.82%	0.514						
2022 B-2	11,000,000	10,208,838	738,983	2001	3.82%	SIFMA + 35 bps / Weekly						
T/E VRDO												
2019 A-4	30,000,000	29,825,624	2,523,689	2058	3.86%	SIFMA / Weekly	Royal Bank of Canada					
2019 E-3	45,000,000	45,895,649	122,726	2059	3.83%	SIFMA / Weekly	Royal Bank of Canada	75,000,000	2.3670%	SIFMA	5/1/2059	
2020 E (AMT)	11,510,000	11,034,403	1,660,634	2050	3.88%	110% SIFMA / Weekly	Royal Bank of Canada	50,000,000	2.3992%	70% SOFR	11/1/2043	
2020 I-3	80,000,000	79,105,635	964,771	2060	3.88%	SIFMA / Weekly	TD Bank, N.A.	98,895,000	2.1934%	77.5% SOFR +0.088722%	5/1/2051	
2021 F-3	100,000,000	94,412,843	8,005,861	2061	3.84%	SIFMA / Weekly	Barclays Bank PLC	184,000,000	2.2400% (8)	77.5% SOFR +0.088722%	5/1/2050	5/1/2024
2021 K-3	50,000,000	44,560,421	7,134,954	2060	3.84%	SIFMA / Weekly	Barclays Bank PLC	80,000,000	2.5885%	70% SOFR	11/1/2053	
2022 C-3	28,720,000	23,379,841	7,957,081	2062	3.88%	SIFMA / Weekly	Barclays Bank PLC	50,000,000	2.2260%	75% SOFR	12/1/2042	
2022 F-3	100,000,000	66,514,115	42,992,311	2062	3.88%	SIFMA / Weekly	UBS AG	78,720,000	2.3090%	75% SOFR	12/1/2042	
2018 L-2 (RMK)	58,100,000	57,572,687	2,996,004	2050	3.88%	SIFMA / Weekly	TD Bank, N.A.	150,000,000	1.7365% (8)	SIFMA	7/1/2045	7/1/2025
2023 A-3	50,000,000	24,236,912	26,256,661	2063	3.88%	SIFMA / Weekly	TD Bank, N.A.	125,000,000	4.3450%	100% SOFR	11/1/2033	
2023 B-2	50,000,000	49,526,006	2,047,456	2054	3.77%	SIFMA / Weekly	TD Bank, N.A.	891,615,000	T/E Swap Total			

SIFMA / Weekly

SIFMA / Weekly

SOFR / Weekly

Taxable VRDO

32,550,638

115,681,918

36.954.474

32.615.000

116,000,000

38 490 000

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Series	Bond Total	Mortgage Loan Balance	Cash & Inv Balance	Bond Maturity	Quarterly Bond Rate	Rate Reset Period/ Index		Average Asset Parity Ratio
Taxable Var-Index(FHLB Quarterly)		<u> </u>	·					
2002 C	29,510,000	11,224,255	219,267	2034	5.79%	Quarterly/ 3 M FHLB Rate + 30 bps ((5)	
2008 E	72,955,000	23,343,247	783,857	2037	5.79%	Quarterly/ 3 M FHLB Rate + 30 bps ((5)	
2008 F	63,105,000	64,129,532	2,051,289	2041			(5)	
2021 E	39,825,000	35,908,982	3,057,352	2050				145.9033%
2008-2018 Consolidate Series	646,515,000	1,188,559,813	72,776,387	2050	6.06%	Quarterly Avg SOFR rate + 75 bps		145.9033%
2021 L	100,000,000	93,692,375	5,875,730	2061	6.07%	Quarterly Avg SOFR rate + 76 bps		
2022 D	150,000,000	138,649,735	19,594,875	2062	6.21%	Quarterly Avg SOFR rate + 89.5 bps		
2023 C	125,000,000	109,137,135	21,098,873	2063	6.16%	Quarterly Avg SOFR rate + 85 bps		
Total	1,226,910,000	1,664,645,074	125,457,631				-	
Taxable Var-Index (Walled Off)							Г	101.5941%
2016 J (RMK)	158,000,000	157,385,000	3,133,675	2052	6.34%	Quarterly Avg SOFR rate + 54 bps ((6)	101.5941%

2053 2050

2060

(7) 156,929,659

3.89%

5.35%

1,171,467

11,264,877

4.369.343

Notional(9)	Swap Rate	Index	Maturity	Start Date
100,000,000	1.9000% (8)	100% SOFR	5/1/2052	11/1/2024
85,000,000	1.9210%	100% SOFR + 0.26161%	11/1/2042	
66,320,795	3.0220%	100% SOFR + 0.26161%	2/1/2036	
63,319,586	2.0890%	100% SOFR + 0.26161%	5/1/2047	
54,126,321	2.6910%	100% SOFR + 0.26161%	5/1/2050	
132,020,031	2.9563%	100% SOFR + 0.26161%	11/1/2038	
100,000,000	2.8909%	100% SOFR + 0.26161%	5/1/2046	
150,000,000	2.7670%	100% SOFR	11/1/2042	
750,786,733	Taxable Swap Total			
Cap	Strike			
Notional	Rate	Index	Maturity	
5,825,000	7.3500%	100% SOFR + 0.26161%	5/1/2027	
58,170,000	7.3500%	100% SOFR + 0.26161%	11/1/2032	

100% SOFR + 0.75161%

Rates of the Index Floating Bonds:

3 M FHLB Swap Rate 7 D SIFMA -SOFR rate

TY Swan

TY Swan

11/1/2033

TX Start

current (04/15/2024) current (04/18/2024) current (04/15/2024)

5.420 4.350 5.320

50,000,000 4.5000% 113,995,000 Taxable Cap Total

Fixed TX

TY Swan

HDC Short-Term Assets Hedge Ratio: Short-Term Assets/Variable Debt

2023 E-3

2020 F-2

2018 L-1 (RMK)

2023 Volume Cap	
NYC Allocation - January 2024	347,356,828
Used to date	(218.180.000)
Balance Available To Date:	129.176.828

Open Reso Bonds Fixed Rate ■ Var-Term Var-Index (2)/SOFR VRDO

Notes

- (1) Includes Debt Obligation issued pursuant to a Funding Loan Agreement.
 (2) Includes 2006 J-1 in an amount of \$99,250,000 which has been wailed off from the Open Resolution.
 (3) Includes Draw Down Bonds & certain Debt Obligation.
 (4) Asset Parity Ratio = Asset (Including Mortgage Loan Balance + Cash & Investment Balance)/ Bonds Outstanding
 (5) Prepayments in this series have been releveraged in other securitizations.
 (6) The bond is structured as a pass-thru deal and the borrower is responsible for the bond interest
 (7) Includes only those assets for which HDC retains the earnings.
 (8) Swaps not in effect. See HDC Hedges for more detail
 (9) Interest rate hedges are obligations of the Corporation, with payments piedged to the specific Bond Resolution or program. These interest rate hedges are not legally tied to any specific bond series, therefore provides a hedge to the full Open Resolution variable rate portfolio.



Interest Rate Hedges-- Monthly Report as of April 30, 2024

			CAPS					
Counterparty	Hedge Outstanding N	Notional Amount Ir	ndex	Strike Rate	Ceiling Rate		Effective Date	Termination Date
Goldman Sachs Mitsui Marine Derivative Products, L.P.	54,005,000	132,714,345 1	100% SOFR + 0.26161%	7.35009	%	14.8500%	12/2/2005	11/1/2032
Goldman Sachs Mitsui Marine Derivative Products, L.P.	5,240,000	120,117,127 1	100% SOFR + 0.26161%	7.35009	%	14.8500%	12/2/2005	5/1/2027
PNC Bank, National Association	50,000,000	50,000,000 1	100% SOFR + 0.75161%	4.50009	%	7.5000%	11/1/2014	11/1/2033
Totals	s 109,245,000	302,831,472						

	Swaps in Effect*													
Counterparty	He	edge Outstanding	Notional Amount	Original Index**	Pay	Receive**	Option Provision	Effective Date	Termination Date					
Wells Fargo		63,153,821	65,445,341	Three-Month LIBOR		2.0890% ⁽²⁾ 100% SOFR + 0.26161% ⁽⁶⁾	CXL - 8/1/2036	8/1/2019	5/1/2047 ⁽²⁾					
PNC Bank, National Association		85,000,000	85,000,000	Three-Month LIBOR		1.9210% ⁽¹⁾ 100% SOFR + 0.26161% ⁽⁶⁾	7.5% Cap	5/1/2018	11/1/2042 ⁽¹⁾					
Wells Fargo		54,126,321	54,126,321	Three-Month LIBOR		2.6910% ⁽²⁾ 100% SOFR + 0.26161% ⁽⁶⁾	CXL - 11/1/2036	2/1/2021	5/1/2050 ⁽²⁾					
PNC Bank, National Association		100,000,000	100,000,000	Three-Month LIBOR		2.8909% ⁽⁴⁾ 100% SOFR + 0.26161% ⁽⁶⁾	CXL - 2/1/2039	2/1/2019	5/1/2046(4)					
Wells Fargo		66,320,795	75,000,000	Three-Month LIBOR		3.0220% 100% SOFR + 0.26161% ⁽⁶⁾		2/1/2019	2/1/2036					
Wells Fargo		75,000,000	75,000,000	SIFMA		2.3670% 100% SIFMA	CXL - 8/1/2039	5/1/2019	5/1/2059					
Citibank		98,895,000	98,895,000	One-Month LIBOR		2.1934% ⁽⁵⁾ 77.5% SOFR +0.088722% ⁽⁷⁾	CXL - 12/1/2043	7/1/2022	5/1/2051 ⁽⁵⁾					
Citibank		132,020,031	135,460,000	Three-Month LIBOR		2.9563% 100% SOFR + 0.26161% ⁽⁶⁾		1/1/2021	11/1/2038					
Bank of NY		50,000,000	50,000,000	SOFR		2.2260% 75% SOFR		12/1/2022	12/1/2042					
Royal Bank of Canada		150,000,000	150,000,000	SOFR		2.7670% 100% SOFR	7.5% Ceiling	12/1/2022	11/1/2042					
PNC Bank, National Association		78,720,000	78,720,000	SOFR		2.3090% 75% SOFR		12/15/2022	12/1/2042					
Bank of NY		80,000,000	80,000,000	SOFR		2.5885% 70% SOFR	CXL - 11/1/2043	6/9/2023	11/1/2053					
PNC Bank, National Association		50,000,000	50,000,000	SOFR		2.3992% 70% SOFR		6/20/2023	11/1/2043					
Wells Fargo		125,000,000	125,000,000			4.3450% 100% SOFR	8.5% Ceiling	10/27/2023	11/1/2033					
_	Totals	1,208,235,968	1,222,646,662	•			•							

Swaps Not yet in Effect*													
Counterparty	Hedge Outstandir	ig Notional Amount	: Original Index**	Pay	Receive**	Option Provision	n Effective Date	Termination Date					
Royal Bank of Canada	N/A	A 184,000,000	One-Month LIBOR		2.2400% ⁽³⁾ 77.5% SOFR +0.088722%	G ⁽⁸⁾ CXL - 12/1/204	5 5/1/2024	5/1/2050 ⁽³⁾					
Bank of NY	N/A	150,000,000	SIFMA		1.7365% 100% SIFMA		7/1/2025	7/1/2045					
PNC Bank, National Association	N/A	100,000,000	SOFR		1.9000% 100% SOFR	7.5% Ceiling	11/1/2024	5/1/2052					
	Totals N/A	434,000,000											

Total Swaps 1,642,235,968
Grand Total Hedges 1,751,480,968

*Interest rate hedges are obligations of the Corporation, with payments pledged to the specific Bond Resolution or program. These interest rate hedges are not legally tied to any specific bond series, therefore provides a hedge to the full Open Resolution variable rate portfolio.

**On July 1, 2023 LIBOR was discontinued and replaced by the official ISDA IBOR 'all-in' Fallback Rate

The Fallback Rate for any Record Date (the date for which the Fallback Rate is valid) is determined by taking the overnight SOFR rate compounded in arrears over the same term of the existing LIBOR tenor, and adding the spread adjustment previously published for such Record Date Overnight SOFR Compounded over 1 or 3 Months; Spread adjustment is 11.448 bps for 1 M LIBOR and 26.161 bps for 3 M LIBOR

(1)On June 11, 2020, New York City Housing Development Corporation ("HDC") amended an existing LIBOR fixed payer swap ("Green Machine") with PNC. A substantial decline in long-term swap rates in early 2020 allowed HDC to extend the amortization of the swap in exchange for lowering the fixed rate payable.

(2)On June 17, 2020 and June 18, 2020, New York City Housing Development Corporation ("HDC") amended existing LIBOR fixed payer swaps ("Jamaican Dream" and "Lex Express") with Wells Fargo. A substantial decline in long term swap rates in early 2020 allowed HDC to extend the amortization and/or the first optional par call date in exchange for lowering the fixed rates payable.

(3)On June 18, 2020, New York City Housing Development Corporation ("HDC") amended an existing LIBOR fixed payer swap with Royal Bank of Canada ("RBC"). The swap had originally been executed by HDC in December 2018 in anticipation of hedging a future tax-exempt variable-rate bond issuance. A substantial decline in long term swap rates, increase in volatility and relatively flat yield curve allowed HDC to delay the first exercise on its par call option in exchange for lowering the fixed rate payable.

(4)Modified on 7/9/20 to push out option exercise date from 2/1/34 to 2/1/39

- (5) Modified on 7/16/20 to push out option exercise date from 12/1/38 to 12/1/43
- (6) Rate compounded from the Rate Record Day i.e. first of every quarter (with a 2 Business Day Lookback), to the Calculation Date i.e. 90 days from Rate Record Date.
- (7) Rate compounded from the Rate Record Day i.e. first of every month (with a 2 Business Day Lookback), to the Calculation Date i.e. 30 days from Rate Record Date.
- (8) Weekly, every Thursday until less than 30 days to payment date. All subsequent resets then are the last observed fallback rate.