

Residential Housing Finance Bond Resolution

Quarterly Disclosure Report Information as of June 30, 2024 Published August 15, 2024

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This Disclosure Report provides additional information not required by any undertaking entered into by Minnesota Housing pursuant to Securities and Exchange Commission Rule 15c2-12. Minnesota Housing will separately file annual reports as required in the undertakings which it has entered into under Rule 15c2-12.

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The following information relates to bond issues of Minnesota Housing issued under the Residential Housing Finance Bond Resolution that have been sold and distributed in underwritten public offerings described in the related Official Statements or in private placements described in the related Private Placement Memoranda. Each viewer of the following information acknowledges that (i) Minnesota Housing is not now by this document offering any bonds or other securities nor soliciting an offer to buy any securities, (ii) this information is not to be construed as a description of Minnesota Housing or its programs in conjunction with any offering of bonds or securities of Minnesota Housing – such offerings are made only pursuant to the appropriate offering documents of Minnesota Housing – nor shall anyone assume from the availability of the following information that the affairs of Minnesota Housing (or its programs) have not changed since the date of this information, (iii) no representation is made as to the propriety or legality of any secondary market trading of the bonds or other securities of Minnesota Housing by anyone in any jurisdiction, and (iv) Minnesota Housing does not hereby obligate itself in any manner to update this information periodically or otherwise.



Residential Housing Finance Bond Resolution Overview Information as of June 30, 2024

The Residential Housing Finance Bond Resolution was adopted on August 24, 1995 by the amendment and restatement of the State Assisted Home Improvement Bond Resolution and has since been amended and supplemented from time to time. Pursuant to the Bond Resolution, the Agency issues its Residential Housing Finance Bonds and has established bond funds relating to the Bonds. The Agency also established under the Bond Resolution, the Endowment Fund (including the three subfunds therein entitled the Home Improvement Endowment Fund, the Homeownership Endowment Fund and the Multifamily Housing Endowment Fund) and the Alternative Loan Fund. Pursuant to an amendment to the Bond Resolution, the Endowment Fund (and its three subfunds) was closed effective July 1, 2007, and all funds and assets therein were transferred to the Alternative Loan Fund.

The Alternative Loan Fund is not pledged to the payment of the Residential Housing Finance Bonds. Rather, any funds that may be on deposit therein are generally available to pay any debt obligations of the Agency. This disclosure report includes information only about the Residential Housing Finance Bonds. It does not include information about the Alternative Loan Fund.

For further information please refer to the audited financial statements of the Agency for the fiscal year ended June 30, 2023. You can retrieve a copy from Minnesota Housing's website at www.mnhousing.gov or contact the Agency to request a copy.

The Agency originally purchased "whole loans" (i.e., the Agency directly purchased single family mortgage loans from lenders) and financed such purchases with proceeds of Bonds. In 2009, the Agency changed its program to acquire mortgage-backed securities guaranteed as to timely payment of principal and interest by GNMA, Fannie Mae or Freddie Mac (as defined in the Bond Resolution, "Program Securities") instead of acquiring mortgage loans. The Agency has entered into a Servicing Agreement, dated as of October 15, 2013, with U.S. Bank, National Association as servicer (the Servicer), for an indefinite term (subject to termination rights). Pursuant to the servicing agreement, the Servicer is to acquire single family mortgage loans meeting Program requirements and pool such loans into Program Securities to be purchased by the Trustee on behalf of the Agency.

In 2009 the Agency adopted another bond resolution (the Homeownership Finance Bond Resolution) under which the Agency financed single family mortgage loans through the acquisition of mortgage-backed securities, initially under the New Issue Bond Program offered by the United States Department of the Treasury, Fannie Mae and Freddie Mac. As of July 1, 2021, all bonds issued under that program have been redeemed. Since 2012 the Agency has issued bonds under both the Bond Resolution and the Homeownership Finance Bond Resolution.



MORTGAGE LOANS BY AMOUNT

Funding Source	Loans Purchased	Le	ess Scheduled Payments		Less payments and Curtailments	Tı R	Less Loans ransferred to EO, FHA/VA ssigned, PMI Claims	Lo	ans Outstanding	Weighted Average Mortgage Rate (based on Loans Outstanding)
Retired	\$ 1,649,820,518	\$	258,364,338	\$	946,414,661	\$	430,872,097	\$	14,169,422	5.33 %
07M	51,601,162	Ψ	2,231,103	Ψ	33,263,527	Ψ	12,884,813	Ψ	3,221,719	4.86
07M-40 Year	13,786,495		911,748		5,849,120		5,578,723		1,446,904	4.16
13ABC	42,482,583		10,547,023		22,204,977		3,629,462		6,101,121	4.82
14A	15,938,679		5,446,887		8,474,137		205,443		1,812,212	5.88
14B	15,978,942		6,451,039		6,361,718		479,857		2,686,328	5.55
14CDE	147,424,535		25,160,060		83,405,968		8,583,491		30,275,016	4.82
15ABCD	52,474,015		6,534,532		32,500,094		3,966,358		9,473,031	4.88
15ABCD-40 Year	3,064,439		185,225		1,642,531		356,538		880,145	4.85
15EFG	80,106,833		12,144,969		45,345,954		4,614,014		18,001,896	5.16
15EFG-40 year	15,680,365		982,546		9,185,734		2,241,760		3,270,325	4.65
16ABC	59,751,015		6,678,422		36,444,773		4,471,817		12,156,003	5.08
16ABC-40 Year	22,027,528		1,383,658		13,865,006		1,868,008		4,910,856	4.26
16DEF	27,242,103		4,442,267		15,929,605		1,235,575		5,634,656	5.01
16DEF-40 Year	8,084,772		581,733		4,938,294		409,518		2,155,227	4.16
17ABC	45,579,077		5,479,082		24,328,971		2,041,446		13,729,578	5.25
17ABC-40 Year	12,928,653		845,769		6,875,207		478,396		4,729,281	5.03
17DEF	20,736,955		2,476,892		10,984,081		891,593		6,384,389	5.16
17DEF-40 Year	5,841,813		462,226		2,905,149		-		2,474,438	5.17
18ABCD	19,253,174		4,277,456		7,770,532		168,806		7,036,380	4.88
19ABCD	31,227,433		5,294,277		11,317,924		538,912		14,076,320	5.28
Total	\$ 2,341,031,089	\$	360,881,254	\$ 1	1,330,007,963	\$	485,516,625	\$	164,625,247	5.0232 %



MORTGAGE LOANS BY NUMBER

			Less Number	
			of Loans	
			Transferred to	
	Number of	Number of	REO,FHA/VA	Number of
	Loans	Loans	Assigned,	Loans
Funding Source	Purchased	Paid Off	PMI Claims	Outstanding
5	45 570 7	44 400 4	0.070.0	100.5
Retired	15,572.7	11,492.4	3,676.8	403.5
07M	435.3	284.4	103.6	47.3
07M-40 Year	87.6	41.8	35.2	10.6
13ABC	641.0	450.5	53.5	137.0
14A	381.0	269.0	6.0	106.0
14B	419.0	311.0	9.0	99.0
14CDE	1,554.0	982.0	94.0	478.0
15ABCD	538.0	363.5	43.5	131.0
15ABCD-40 Year	20.0	12.0	2.0	6.0
15EFG	886.0	547.0	50.0	289.0
15EFG-40 year	105.0	65.0	15.0	25.0
16ABC	567.0	354.5	42.5	170.0
16ABC-40 Year	151.0	101.0	12.0	38.0
16DEF	392.3	251.3	16.3	124.7
16DEF-40 Year	55.6	36.6	3.6	15.4
17ABC	518.0	281.5	22.5	214.0
17ABC-40 Yr	102.0	53.0	4.0	45.0
17DEF	226.0	125.0	10.0	91.0
17DEF-40 Yr	48.0	25.0	-	23.0
18ABCD	307.5	136.0	4.0	167.5
19ABCD	556.0	226.0	9.0	321.0
Total	23,563.0	16,408.5	4,212.5	2,942.0

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata. However, mortgage loans that were originated with 07LM Bonds were funded with proceeds of 07L (and series of Bonds that refunded 07L) and 07M in the fractions of 0.6 and 0.4, respectively. Currently, allocation of repayments and prepayments to each funding source may be expressed in multiples of 0.1.



DPL MORTGAGE LOANS* BY AMOUNT

Fundina Source	Loa	ans Purchased	Less	Payments and Curta	Less Loans Written off	Loar	ns Outstanding
<u> </u>							
21AB	\$	5,952,445	\$	(553,400)	\$ (41,700)	\$	5,357,345
21CD	\$	7,143,066	\$	(410,066)	\$ (11,470)	\$	6,721,530
21EF	\$	7,139,234	\$	(269,500)	\$ (41,000)	\$	6,828,734
Total	\$	20,234,745	\$	(1,232,966)	\$ (94,170)	\$	18,907,609

^{*}DPL mortgage loans are second lien down payment assistance loans that have a 0% interest rate and are payable when the associated first mortgage loan matures or is prepaid.



DPL MORTGAGE LOANS* BY NUMBER

Funding Source	Number of Loans Purchased	Number of Loans Paid Off	Less Number of Loans Writen off	Number of Loans Outstanding
21AB	595	(55)	(4)	536
21CD	606	(37)	` '	568
21EF	619	(26)	(4)	589
Tatal	4 000	(440)	(0)	4 000
Total	1,820	(118)	(9)	1,693

^{*}DPL mortgage loans are second lien down payment assistance loans that have a 0% interest rate and are payable when the associated first mortgage loan matures or is prepaid.



MPL MORTGAGE LOANS* BY AMOUNT

Funding Source	Loan	s Purchased	Less P	ayments and Curta	Less Loans Written off	Loan	s Outstanding
23UV 24DE	\$ \$	5,002,876 4,005,374	:	(270,196) (116,217)	(35,711) (12,213)		4,696,969 3,876,944
Total	\$	9,008,250	\$	(386,414)	\$ (47,924)	\$	8,573,913

^{*}MPL mortgage loans are second lien down payment assistance loans that bear interest at a rate equal to the interest rate on the applicable first mortgage loan and amortize over a ten-year term.



MPL MORTGAGE LOANS* BY NUMBER

Funding Source	Number of Loans Purchased	Number of Loans Paid Off	Less Number of Loans Writen off	Number of Loans Outstanding
23UV 24DE	342 282	(5 <u>)</u> (3)		337 279
Total	624	(8)		616

^{*}MPL mortgage loans are second lien down payment assistance loans that bear interest at a rate equal to the interest rate on the applicable first mortgage loan and amortize over a ten-year term.

Residential Housing Finance Bond Resolution Bonds, Loans, and Mortgage-Backed Securities Outstanding; Remaining Acquisition Fund Information as of June 30, 2024



Series	Bonds Outstanding	Mortgages Outstanding	Mortgage-Backed Securities Outstanding	Remaining Acquisition Fund Balance	Weighted Average Rate for Mortgages or Mortgage-Backed Securities (based on \$ Amount Outstanding)*	
Retired	\$ -	\$14,169,422	\$ -	\$ -	5.33	% (Retired mortgages)
07M	7,850,000	4,668,623	9,799,412	_	3.52 4.64	(Retired mortgage-backed securities)
13ABC	13,225,000	6,101,121	8,762,928	-	4.82 2.63	(13ABC mortgages) (13ABC mortgage-backed securities)
14A	505,000	1,812,212	9,313,621	-	5.88 3.21	(14A mortgages) (14A mortgage-backed securities)
14B	1,640,000	2,686,328	8,068,357	-	5.55	(14B mortgages)
14CDE	36,025,000	30,275,016	14,225,237	-	3.34 4.83	(14B mortgage-backed securities) (14CDE mortgages)
15ABCD	14,900,000	10,353,176	13,364,671	-	3.51 4.88	(14CDE mortgage-backed securities) (15ABCD mortgages)
15EFG	34,475,000	21,272,221	15,414,043	-	3.27 5.08	(15ABCD mortgage-backed securities) (15EFG mortgages)
16ABC	24,905,000	17,066,859	19,119,410	-	3.54 4.81	(15EFG mortgage-backed securities) (16ABC mortgages)
16DEF	40,780,000	7,789,883	31,161,830	-	3.42 4.78	(16ABC mortgage-backed securities) (16DEF mortgages)
17ABC	37,065,000	18,458,859	17,804,691		3.08 5.20	(16DEF mortgage-backed securities) (17ABC mortgages)
17DEF	44,820,000	8,858,827	36,054,777		3.70 5.17	(17ABC mortgage-backed securities) (17DEF mortgages)
18ABCD	30,500,000	7,036,380	36,265,322		3.56 4.88	(17DEF mortgage-backed securities) (18ABCD mortgages)
		7,030,300			4.02	(18ABCD mortgage-backed securities)
18EFGH 19ABCD	49,490,000 59,260,000	14,076,320	49,107,607 48,582,537		4.32 5.28	(19ABCD mortgages)
					4.52	(19ABCD mortgage-backed securities)
19EFGH	87,640,000		84,799,214		3.52	
20ABC	126,690,000		120,642,519		3.15	
20DE	97,780,000		93,478,973		3.20	
20FG	93,010,000		88,942,339		3.06	
20HI	99,610,000	5 057 045	96,931,915		2.89	
21AB	105,285,000	5,357,345	96,033,833		2.66	
21CD	147,695,000	6,721,530	141,769,789		2.92	
21EF	132,765,000	6,828,734	121,242,474		2.76	
21GHI	160,490,000		156,224,005		2.77	
22AB	92,540,000		90,228,053		3.02	
22CD	139,475,000		134,761,337		2.89	
22EF	144,120,000		141,244,792		4.77	
22GH	145,870,000		142,499,821		5.28	
22IJK	97,215,000		93,229,962		5.58	
22LMN	146,840,000		141,515,084		6.30	
23ABC	98,880,000		97,669,219		5.82	
23DE 23FG	118,905,000 148,310,000		118,044,666 145,733,823		6.20 6.34	
23FG 23HI	98,215,000		97,384,713		6.26	
23JK	148,875,000		145,863,726		6.58	
23LM	98,545,000		97,785,802		6.67	
23NOPQ	149,770,000		148,317,875		6.96	
23RST	175,000,000		174,062,275	8,460	6.84	
23UV	74,525,000	4,696,969	69,353,309	0,400	7.14 7.01	(23UV MPL mortgages) (23UV mortgage-backed securities)
24ABC	124,805,000		124,793,211	231,010	6.55	(200 v mongage-backed secunites)
24DE	80,000,000	3,876,944	75,810,508	15,596	7.40	(24DE MPL mortgages)
24FGHI 24JK	125,000,000 75,000,000		73,211,127 39,440,507	53,120,334 36,740,292	6.83 6.82 6.87	(24DE mortgage-backed securities)
- 1/1 11/	\prime \sim		20 440 507			

Refer to the disclaimer on page A-1

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^{*} Mortgage loans associated with Series 21AB, 21CD and 21EF are DPL mortgage loans that have a 0% interest rate and are not included in the weighted average.



RETIRED SERIES

Pool Number Pool Type		Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding	
AA0402 AO1087 AO2408 AO2409 AO3786 AO5861 AO5869 AO0387 AO1088 AO2413 AO2414 AO3787 AO5862 AO1089 AO1090	GNMA II FNMA FNMA FNMA FNMA FNMA FNMA FNMA FNMA	3.625 % 3.275 3.275 3.275 3.275 3.275 3.275 3.400 3.400 3.650 3.650 3.650 3.650 3.775 3.775	\$ 2,815,431 118,225 302,503 110,037 460,486 73,491 155,770 215,938 102,252 97,465 218,860 230,530 226,837 306,942 102,861	\$ 263,485 36,890 - - 105,056 53,174 - - - - 159,569 59,651 - 141,572	
AO1099 AO3779	FNMA FNMA	3.775 3.775	103,790 88,880	- 57,647	
Subtotal		•	5,730,298	877,044	



RETIRED SERIES, continued

		Pass-Through	Principal Amount At	Pr	rincipal Amount	
Pool Number	Pool Type	Interest Rate	Acquisition		Outstanding	
799858	GNMA II	3.250 %	\$ 55,750	\$	-	
AA0282	GNMA II	3.375	88,231		63,439	
AA0342	GNMA II	3.375	177,369		-	
AA0401	GNMA II	3.375	88,982		63,497	
793301	GNMA II	3.750	2,811,748		468,903	
799957	GNMA II	3.750	2,722,740		352,048	
799958	GNMA II	3.875	169,926		-	
AO3773	FNMA	3.650	51,642		38,113	
AO5870	FNMA	3.650	180,482		67,849	
AB1497	GNMA II	3.000	212,877		105,783	
AB1556	GNMA II	3.000	214,752		154,663	
AB1724	GNMA II	3.000	413,923		-	
AB1919	GNMA II	3.000	488,124		147,435	
AB1725	GNMA II	3.125	304,729		66,823	
AB1880	GNMA II	3.125	248,035		-	
AB1904	GNMA II	3.125	84,033		-	
AB1920	GNMA II	3.125	320,009		-	



RETIRED SERIES, continued

Pool Numbe	r Pool Type	Pass-Through Interest Rate	Pri	ncipal Amount At Acquisition	 Principal Amount Outstanding
AB1921	GNMA II	3.250 %	\$	445,324	\$ -
AB1446	GNMA II	3.375		278,876	80,387
AB1618	GNMA II	3.500		421,599	-
AB1883	GNMA II	3.500		234,985	96,600
AB1923	GNMA II	3.500		385,053	-
AB1503	GNMA II	3.625		308,974	-
AB1561	GNMA II	3.625		258,242	-
AB1619	GNMA II	3.625		136,854	-
AB1646	GNMA II	3.625		378,903	-
AB1729	GNMA II	3.625		397,359	-
AB1767	GNMA II	3.625		158,319	-
AB1908	GNMA II	3.625		407,184	-
AB1924	GNMA II	3.625		62,523	-
AB2030	GNMA II	3.625		185,414	-
Subtotal				12,692,962	1,705,540
MBS Particip	ation Interest	(50.0031%)		6,346,874	852,823



RETIRED SERIES, cont.

		Pass-Through	Principal Amount At		Principal Amount	
Pool Numbe	r Pool Type	Interest Rate		Acquisition	0	utstanding
AB1464	GNMA II	3.125 %	\$	1,493,291	\$	137,719
AA0469	GNMA II	3.625		1,650,089		427,444
799861	GNMA II	3.750		1,863,656		195,342
AC8104	GNMA II	2.875		4,097,610		895,703
AB2093	GNMA II	3.125		271,185		-
AC7756	GNMA II	3.125		637,851		96,050
Subtotal				10,013,682		1,752,259
MBS Particip	oation Interest	(50.0019%)		5,007,031		876,163



RETIRED SERIES, continued

		Pass-Through	Pr	incipal Amount At	Principal Amount
Pool Number	Pool Type	Interest Rate		Acquisition	 Outstanding
AB1463	GNMA II	3.000 %	\$	49,221	\$ -
799886	GNMA II	3.250		495,166	-
799954	GNMA II	3.250		931,842	269,238
AA0003	GNMA II	3.250		202,922	62,610
AA0074	GNMA II	3.250		1,667,721	128,638
AA0341	GNMA II	3.250		1,943,418	294,977
AA0400	GNMA II	3.250		1,699,366	282,569
AA0467	GNMA II	3.250		1,166,842	197,920
AB1465	GNMA II	3.250		492,658	145,157
793298	GNMA II	3.375		1,284,543	283,805
799859	GNMA II	3.375		1,311,886	204,315
799887	GNMA II	3.375		930,061	138,635
AA0004	GNMA II	3.375		790,402	212,082
AA0075	GNMA II	3.375		591,125	104,969
AA0508	GNMA II	3.375		106,710	-
AB1500	GNMA II	3.375		96,759	-
799860	GNMA II	3.625		500,928	-
799888	GNMA II	3.625		709,598	114,788
799956	GNMA II	3.625		981,586	-
AA0005	GNMA II	3.625		1,000,098	409,737
AA0283	GNMA II	3.625		2,151,221	200,887
AA0343	GNMA II	3.625		2,509,161	624,041
799889	GNMA II	3.750		1,010,556	124,588
AA0014	GNMA II	3.750		886,095	171,595
AA0403	GNMA II	3.750		281,417	-



RETIRED SERIES, continued

	Pass-Through	Principal Amount At	Principal Amount
Pool Number Pool Type	Interest Rate	Acquisition	Outstanding
AR0865 FNMA	2.525 %	\$ 47,821	\$ -
AR2963 FNMA	2.525	98,798	47,412
AR5611 FNMA	2.525	94,711	65,927
AR5614 FNMA	2.525	925,382	340,666
AR5616 FNMA	2.525	1,159,097	89,908
AR5617 FNMA	2.525	1,331,635	249,402
AR5619 FNMA	2.525	144,826	-
AR5620 FNMA	2.525	451,925	62,753
AR8764 FNMA	2.525	267,323	56,498
AR8770 FNMA	2.525	84,793	-
AR8772 FNMA	2.525	82,508	-
AT1907 FNMA	2.525	224,485	45,114
AT1917 FNMA	2.525	109,673	77,830
AT1921 FNMA	2.525	186,999	70,711
AT4624 FNMA	2.525	2,331,268	676,202
AT4628 FNMA	2.525	655,444	166,317
AT4633 FNMA	2.525	641,811	188,491
AT4742 FNMA	2.525	248,978	109,270
AT6228 FNMA	2.525	59,752	43,741
AQ9144 FNMA	2.530	80,418	-
AR5615 FNMA	2.650	134,553	-
AT1922 FNMA	2.650	128,883	-
AT3840 FNMA	2.650	76,105	-
AT4625 FNMA	2.650	324,103	61,111



RETIRED SERIES, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Prir	ncipal Amount At Acquisition	 Principal Amount Outstanding
AT6229	FNMA	2.650 %	\$	293,053	\$ 202,748
AR8778	FNMA	2.775		75,520	55,766
AT1918	FNMA	2.775		142,319	-
AT1923	FNMA	2.775		103,253	68,923
AT4758	FNMA	2.775		214,584	-
AR5605	FNMA	2.900		73,328	-
AR8765	FNMA	2.900		37,442	-
AR8771	FNMA	2.900		226,641	-
AR8776	FNMA	2.900		99,476	72,202
AR8779	FNMA	2.900		139,561	-
AT1045	FNMA	2.900		218,574	27,011
AT1908	FNMA	2.900		83,511	-
AT1924	FNMA	2.900		170,815	120,717
AT4743	FNMA	2.900		178,897	133,895
AT4759	FNMA	2.900		68,189	-
AQ9145	FNMA	2.905		98,755	-
AQ7530	FNMA	3.025		38,770	-
AR0866	FNMA	3.025		94,978	-



RETIRED SERIES, continued

Pool Numbe	r Pool Type	Pass-Through Interest Rate	Pr	incipal Amount At Acquisition	F	Principal Amount Outstanding
AR5597	FNMA	3.025 %	\$	86,505	\$	-
AR1324	FNMA	3.030		74,217		55,919
AR8766	FNMA	3.275		90,618		-
Subtotal				36,291,598		7,059,082
MBS Particip	ation Interest	(65.556%)		23,791,320		4,627,652



RETIRED SERIES, continued

		Pass-Through	Principal Amount At	Pri	ncipal Amount
Pool Number	Pool Type	Interest Rate	Acquisition	C	Outstanding
775568	GNMA II	4.750 %	\$ 465,141	\$	405,454
775599	GNMA II	3.375	59,693		52,387
775660	GNMA II	3.375	304,993		199,825
775708	GNMA II	3.375	202,575		27,125
775724	GNMA II	3.375	111,583		95,439
792369	GNMA II	3.375	246,235		76,409
792402	GNMA II	3.375	67,443		-
792474	GNMA II	3.375	94,438		82,730
775569	GNMA II	3.500	120,030		-
775592	GNMA II	3.500	46,188		-
775709	GNMA II	3.500	71,370		63,239
792370	GNMA II	3.500	109,439		94,128
792403	GNMA II	3.500	105,310		94,307
775472	GNMA II	3.750	90,854		81,273
775570	GNMA II	3.750	94,979		81,926
775593	GNMA II	3.750	192,807		167,336
775600	GNMA II	3.750	130,250		116,978
775662	GNMA II	3.750	284,909		247,116
775710	GNMA II	3.750	139,501		87,247
775726	GNMA II	3.750	266,678		194,366
792335	GNMA II	3.750	203,114		117,745
792371	GNMA II	3.750	119,205		48,206
775571	GNMA II	3.875	98,967		-
775594	GNMA II	3.875	291,512		162,614
775663	GNMA II	3.875	155,347		135,689



RETIRED SERIES, continued

		Pass-Through	Principal Amount At	Princ	ipal Amount
Pool Number	Pool Type	Interest Rate	Acquisition	Ou	tstanding
792372	GNMA II	3.875 %	\$ 56,075	\$	50,446
775664	GNMA II	4.000	93,755		83,700
775676	GNMA II	4.125	125,571		113,036
774854	GNMA II	4.250	148,649		58,225
775714	GNMA II	4.250	102,939		92,384
775513	GNMA II	4.500	64,746		58,097
Subtotal			4,664,301		3,087,428
MBS Participation Interest (50.0021%)		2,332,248		1,543,779	



RETIRED SERIES, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Pri	ncipal Amount At Acquisition	 Principal Amount Outstanding
AA0076	GNMA II	3.625 %	\$	515,406	\$ 285,764
AA0077	GNMA II	3.750		119,318	107,499
AA0104	GNMA II	3.250		65,447	58,567
AA0105	GNMA II	3.625		233,891	-
AA0106	GNMA II	3.750		216,736	144,362
AA0163	GNMA II	3.250		395,986	180,402
AA0164	GNMA II	3.375		266,408	210,832
AA0165	GNMA II	3.625		499,762	349,929
AA0166	GNMA II	3.750		201,780	92,048
AA0199	GNMA II	3.625		524,386	356,053
AA0200	GNMA II	3.750		60,257	-
AA0281	GNMA II	3.250		447,796	258,362
AB1466	GNMA II	3.375		217,301	-
Subtotal				3,764,473	2,043,819
MBS Particip	ation Interest	(50.0021%)		1,882,316	1,021,952
Retired Serie	s Total		\$	47,422,140	\$ 9,799,412



2013 ABC

Pool Numbe	Pool Type	Pass-Through Interest Rate	Pri	ncipal Amount At Acquisition	 Principal Amount Outstanding
AC7842	GNMA II	2.500 %	\$	72,845	\$ -
AC8149	GNMA II	2.500		84,823	55,228
AC8185	GNMA II	2.500		351,176	79,660
AC8306	GNMA II	2.500		1,234,130	165,386
AC8346	GNMA II	2.500		1,377,119	274,108
AC8371	GNMA II	2.500		536,055	185,487
AC8375	GNMA II	2.500		409,690	178,249
AD7480	GNMA II	2.500		490,678	107,649
AT4629	FNMA	2.650		788,890	-
AT7528	FNMA	2.650		1,633,992	416,462
AR5612	FNMA	2.775		86,370	-
AR5621	FNMA	2.775		168,901	-
AT4626	FNMA	2.775		285,628	80,564
AT7529	FNMA	2.775		343,062	-
AT4627	FNMA	2.900		149,529	-
AT4631	FNMA	2.900		169,550	-
AR0869	FNMA	3.150		75,992	55,911
AR2964	FNMA	3.150		129,684	-
AR5596	FNMA	3.150		59,464	-
AT1046	FNMA	3.275		134,213	67,094
AR8780	FNMA	3.400		74,302	55,384
AQ6038	FNMA	3.650		98,340	-
Subtotal				8,754,430	1,721,182



2013 ABC, continued

13ABC Participation Interest in the following Mortgage-Backed Securities (34.444% of the principal payments and 100% of the interest payments paid to 13ABC)

		Pass-Through	Pr	incipal Amount At	Principal Amount
Pool Number	Pool Type	Interest Rate		Acquisition	 Outstanding
AB1463	GNMA II	3.000 %	\$	49,221	\$ -
799886	GNMA II	3.250		495,166	-
799954	GNMA II	3.250		931,842	269,238
AA0003	GNMA II	3.250		202,922	62,610
AA0074	GNMA II	3.250		1,667,721	128,638
AA0341	GNMA II	3.250		1,943,418	294,977
AA0400	GNMA II	3.250		1,699,366	282,569
AA0467	GNMA II	3.250		1,166,842	197,920
AB1465	GNMA II	3.250		492,658	145,157
793298	GNMA II	3.375		1,284,543	283,805
799859	GNMA II	3.375		1,311,886	204,315
799887	GNMA II	3.375		930,061	138,635
AA0004	GNMA II	3.375		790,402	212,082
AA0075	GNMA II	3.375		591,125	104,969
AA0508	GNMA II	3.375		106,710	-
AB1500	GNMA II	3.375		96,759	-
799860	GNMA II	3.625		500,928	-
799888	GNMA II	3.625		709,598	114,788
799956	GNMA II	3.625		981,586	-
AA0005	GNMA II	3.625		1,000,098	409,737
AA0283	GNMA II	3.625		2,151,221	200,887
AA0343	GNMA II	3.625		2,509,161	624,041
799889	GNMA II	3.750		1,010,556	124,588
AA0014	GNMA II	3.750		886,095	171,595
AA0403	GNMA II	3.750		281,417	-



2013 ABC, continued

13ABC Participation Interest in the following Mortgage-Backed Securities (34.444% of the principal payments and 100% of the interest payments paid to 13ABC), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Pri	ncipal Amount At Acquisition		Principal Amount Outstanding
1 001110111001	<u>. 66. 1966</u>	morostriais		, toquiottion	_	• Guotananig
AR0865	FNMA	2.525 %	\$	47,821	\$	-
AR2963	FNMA	2.525		98,798		47,412
AR5611	FNMA	2.525		94,711		65,927
AR5614	FNMA	2.525		925,382		340,666
AR5616	FNMA	2.525		1,159,097		89,908
AR5617	FNMA	2.525		1,331,635		249,402
AR5619	FNMA	2.525		144,826		-
AR5620	FNMA	2.525		451,925		62,753
AR8764	FNMA	2.525		267,323		56,498
AR8770	FNMA	2.525		84,793		-
AR8772	FNMA	2.525		82,508		-
AT1907	FNMA	2.525		224,485		45,114
AT1917	FNMA	2.525		109,673		77,830
AT1921	FNMA	2.525		186,999		70,711
AT4624	FNMA	2.525		2,331,268		676,202
AT4628	FNMA	2.525		655,444		166,317
AT4633	FNMA	2.525		641,811		188,491
AT4742	FNMA	2.525		248,978		109,270
AT6228	FNMA	2.525		59,752		43,741
AQ9144	FNMA	2.530		80,418		-
AR5615	FNMA	2.650		134,553		-
AT1922	FNMA	2.650		128,883		-
AT3840	FNMA	2.650		76,105		-
AT4625	FNMA	2.650		324,103		61,111



2013 ABC, continued

13ABC Participation Interest in the following Mortgage-Backed Securities (34.444% of the principal payments and 100% of the interest payments paid to 13ABC), continued

Dool Neverbor	. Dool Time	Pass-Through	Pri	ncipal Amount At	Principal Amount
Pool Number	Pool Type	Interest Rate		Acquisition	 Outstanding
AT6229	FNMA	2.650 %	\$	293,053	\$ 202,748
AR8778	FNMA	2.775		75,520	55,766
AT1918	FNMA	2.775		142,319	-
AT1923	FNMA	2.775		103,253	68,923
AT4758	FNMA	2.775		214,584	-
AR5605	FNMA	2.900		73,328	-
AR8765	FNMA	2.900		37,442	-
AR8771	FNMA	2.900		226,641	-
AR8776	FNMA	2.900		99,476	72,202
AR8779	FNMA	2.900		139,561	-
AT1045	FNMA	2.900		218,574	27,011
AT1908	FNMA	2.900		83,511	-
AT1924	FNMA	2.900		170,815	120,717
AT4743	FNMA	2.900		178,897	133,895
AT4759	FNMA	2.900		68,189	-
AQ9145	FNMA	2.905		98,755	-
AQ7530	FNMA	3.025		38,770	-
AR0866	FNMA	3.025		94,978	-
AR5597	FNMA	3.025		86,505	-
AR1324	FNMA	3.030		74,217	55,919.39
AR8766	FNMA	3.275		90,618	-
Subtotal				36,291,598	7,059,082
MBS Participation Interest (34.444%)			12,500,278	2,431,430	



2013 ABC, continued

Deal Newshar Deal Trans	Pass-Through	Principal Amount At		cipal Amount
Pool Number Pool Type	Interest Rate	Acquisition	0	utstanding
AC8396 GNMA II	2.500 %	\$ 1,509,787	\$	337,450
AC8401 GNMA II	2.500	48,506		-
AC8517 GNMA II	2.500	705,460		330,807
AC8521 GNMA II	2.500	281,308		86,010
AD7201 GNMA II	2.500	1,146,241		221,920
AD7306 GNMA II	2.500	528,762		143,154
AD7309 GNMA II	2.500	110,433		-
AD7322 GNMA II	2.500	884,732		235,171
AD7328 GNMA II	2.500	94,607		-
AD7411 GNMA II	2.500	1,324,919		279,352
AD7520 GNMA II	2.500	144,206		-
AD7323 GNMA II	2.625	152,254		-
AD7412 GNMA II	2.625	487,240		146,534
AD7481 GNMA II	2.625	1,315,697		153,917
AD7521 GNMA II	2.625	973,807		175,083
AD7525 GNMA II	2.625	199,960		139,163
AD7549 GNMA II	2.625	1,253,675		314,021
AC8103 GNMA II	2.750	54,282		39,494
AC8347 GNMA II	2.750	465,500		135,161
AC8397 GNMA II	2.750	533,047		-
AC7907 GNMA II	2.875	333,360		-
AC8150 GNMA II	2.875	261,715		191,164
AB2123 GNMA II	3.125	45,546		-
AE9846 GNMA II	2.750	1,378,784		104,248



2013 ABC, continued

13ABC Participation Interest in the following Mortgage-Backed Securities (49.9991% of the principal payments and none of the interest payments paid to 13ABC), continued

Pool Number	Pool Type	Pass-Through Interest Rate	•	Amount At uisition	P 	rincipal Amount Outstanding
AC8233 AC8307	GNMA II GNMA II	2.875 % 2.875	\$	301,279 1,846,536	\$	109,756 272,155
AC8402 AC8519	GNMA II GNMA II	2.875 2.875		173,194 810,878		- 121,940
AD7203 AD7206 AD7308	GNMA II GNMA II GNMA II	2.875 2.875 2.875		782,422 164,941 624,792		198,922 47,676 168,059
AD7325 AD7330	GNMA II GNMA II	2.875 2.875		740,110 171,991		146,395 125,710
AD7414 AD7483	GNMA II GNMA II	2.875 2.875		1,175,447 1,515,476		210,256 582,545
AD7523 AB2189 AC8308	GNMA II GNMA II GNMA II	2.875 3.000		1,693,438 309,432		371,409 75,142
AD7204 AD7331	GNMA II GNMA II	3.000 3.000 3.000		123,199 129,612 107,285		- 94,821 78,344
AC8232 AD7205	GNMA II GNMA II	3.125 3.125		120,991 110,891		-
AC8520 AD7326	GNMA II GNMA II	3.250 3.250		162,886 132,431		- 85,508



2013 ABC, continued

13ABC Participation Interest in the following Mortgage-Backed Securities (49.9991% of the principal payments and none of the interest payments paid to 13ABC), continued

Pool Numbe	r Pool Type	Pass-Through Interest Rate	Pr	incipal Amount At Acquisition	 Principal Amount Outstanding
AC8309	GNMA II	3.375 %	\$	106,989	\$ -
AD7327	GNMA II	3.375		135,753	-
AC7759	GNMA II	3.500		36,729	-
Subtotal				25,710,531	5,721,286
MBS Particip	ation Interest	(49.9991%)		12,855,034	2,860,592



2013 ABC, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Pri	ncipal Amount At Acquisition	 Principal Amount Outstanding
AC8372 AC8518 AD7202 AD7307 AD7310 AD7324 AD7329 AD7413 AD7482 AD7522 AD7550 AC8231	GNMA II	2.750 % 2.750 2.750 2.750 2.750 2.750 2.750 2.750 2.750 2.750 2.750 2.750 2.750	\$	190,286 845,766 869,613 1,250,082 193,849 1,244,417 271,710 1,437,921 485,833 421,289 410,972 132,608	\$ 85,343 70,403 255,390 327,706 85,164 224,015 196,090 268,658 - 111,325 66,559 97,876
AD7524 AH1961 Subtotal	GNMA II GNMA II	2.500 3.500		366,796 7,364,353 15,485,495 7,754,346	179,114 1,526,570 3,494,214 1,749,724
2013 ABC To	otal		\$	41,864,089	\$ 8,762,928



2014 A

		Pass-Throu	gh	Pri	ncipal Amount At	Principal Amount	
Pool Number	Pool Type	Interest Rate			Acquisition	Outstanding	
	<u> </u>	- Interest Ha			7.1040.101.1	 	
AF0608	GNMA II	2.50000	%	\$	9,647,008	\$ 1,932,228	
AG5765	GNMA II	2.50000			316,604	-	
AG5963	GNMA II	2.50000			1,262,580	294,710	
AH1875	GNMA II	2.50000			191,709	23,813	
AH1963	GNMA II	2.50000			104,423	-	
AD7552	GNMA II	2.62500			144,570	-	
AE9848	GNMA II	2.62500			295,162	93,475	
AF0094	GNMA II	2.62500			1,830,376	534,961	
AD7484	GNMA II	2.75000			128,043	-	
AE9849	GNMA II	2.75000			422,789	76,163	
AF0095	GNMA II	2.75000			4,016,907	862,854	
AB2188	GNMA II	2.87500			187,304	127,512	
AC7869	GNMA II	2.87500			110,020	-	
AC8522	GNMA II	2.87500			160,866	116,837	
AF0096	GNMA II	2.87500			4,793,493	975,721	
AF0100	GNMA II	2.87500			290,236	86,627	
AH2036	GNMA II	3.00000			188,565	-	
AC8400	GNMA II	3.37500			75,093	-	
AD7527	GNMA II	3.50000			126,205	-	
AH2038	GNMA II	4.00000			7,708,814	1,308,790	
AU2989	FNMA	2.50000			235,065	179,495	
AR5613	FNMA	2.52500			1,826,086	196,163	
AT7533	FNMA	2.52500			294,640	79,595	
AT7537	FNMA	2.52500			198,067	-	
AT6230	FNMA	2.65000			129,631	-	
AT9859	FNMA	2.65000			314,356	113,489	
AU3003	FNMA	2.65000			310,784	41,754	
AT9857	FNMA	2.77500			273,807	-	



2014 A, continued

Pool Number Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
AU3004 FNMA AT7530 FNMA AT7536 FNMA AU2995 FNMA AU2998 FNMA AV8366 FNMA AV8369 FNMA AU2999 FNMA AV7824 FNMA AV7824 FNMA	2.90000 2.90000 3.00000 3.50000 3.50000 4.00000 4.00000 4.00000	%	\$	459,566 1,384,135 208,793 230,170 505,749 346,325 169,107 3,020,694 1,452,376 2,573,110	\$	197,085 439,942 - - - - - 210,297 323,579 416,628
AV9663 FNMA AU3000 FNMA AV8368 FNMA AV8371 FNMA AV9664 FNMA	4.00000 4.50000 4.50000 4.50000 4.50000	-		1,665,715 539,304 881,800 509,016 474,456		440,953 68,391 172,557 - -
2014 A Total			\$	50,003,520	\$	9,313,621



2014 B

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
AE9844 AD7526 AD7553 AE9850	GNMA II GNMA II GNMA II GNMA II	2.50000 2.87500 2.87500 2.87500	%	\$	77,426 351,259 147,810 1,181,296	\$	- - - 75,247
AH1962 AH2597 AT7534	GNMA II GNMA II FNMA	4.00000 4.00000 2.65000			4,733,247 6,274,669 5,463,918		320,194 911,150 1,075,632
AT7538 AU3007 AT9860	FNMA FNMA FNMA	2.65000 2.65000 2.90000			2,494,989 62,017 140,050		402,003
AU2982 AU3006 AV7823	FNMA FNMA FNMA	3.00000 3.02500 3.50000			9,469,151 389,185 64,250		1,400,728 132,573 50,714
AW1961 Subtotal	FNMA	4.50000			580,247 31,429,514		177,855 4,546,096



2014 B, continued

Pool Number Pool Type		Pass-Through Interest Rate	Principal Amount At Acquisition			Principal Amount Outstanding	
AD7524	GNMA II	2.500 %	\$	266 706	\$	170 114	
_			Φ	366,796	Ф	179,114	
AH1961	GNMA II	3.500		7,364,353		1,526,570	
AC8372	GNMA II	2.750		190,286		85,343	
AC8518	GNMA II	2.750		845,766		70,403	
AD7202	GNMA II	2.750		869,613		255,390	
AD7307	GNMA II	2.750		1,250,082		327,706	
AD7310	GNMA II	2.750		193,849		85,164	
AD7324	GNMA II	2.750		1,244,417		224,015	
AD7329	GNMA II	2.750		271,710		196,090	
AD7413	GNMA II	2.750		1,437,921		268,658	
AD7482	GNMA II	2.750		485,833		-	
AD7522	GNMA II	2.750		421,289		111,325	
AD7550	GNMA II	2.750		410,972		66,559	
AC8231	GNMA II	2.875		132,608		97,876	
Subtotal				15,485,495		3,494,214	
MBS Participation Interest (49.9251%)				7,731,149		1,744,490	



2014 B, continued

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
-						·	<u>J</u>
AF0093	GNMA II	2.500	%	\$	224,137	\$	-
AF0097	GNMA II	2.500			121,249		-
AF0098	GNMA II	2.625			742,958		346,451
AF0099	GNMA II	2.750			197,808		94,938
AH1960	GNMA II	3.000			101,458		78,395
AH1964	GNMA II	3.500			640,759		275,493
AH2037	GNMA II	3.500			7,775,339		1,189,067
AH2592	GNMA II	3.500			709,704		165,021
AV7825	FNMA	4.500			201,546		92,997
AI4176	GNMA II	3.500			21,964,999		3,179,723
Subtotal			,		32,679,957		5,422,085
MBS Participation Interest (32.7876%)				10,714,974		1,777,772	
2014 B Total			\$	49,875,636	\$	8,068,357	



2014 CDE

Pool Numbe	r Pool Type	Pass-Through Interest Rate	Prir	ncipal Amount At Acquisition	incipal Amount Outstanding
AI4923	GNMA II	3.000 %	\$	265,792	\$ 82,784
AH2644	GNMA II	3.500		291,681	-
AI4077	GNMA II	4.000		611,359	64,565
AI4768	GNMA II	4.000		454,754	-
AI4925	GNMA II	4.000		155,571	-
AW3995	FNMA	4.500		138,928	-
Subtotal				1,918,085	147,349



2014 CDE, continued

14CDE Participation Interest in the following Mortgage-Backed Securities (67.2124% of the principal payments and 100% of the interest payments paid to 14CDE)

		Pass-Through		Pri	ncipal Amount At	Principal Amount	
Pool Numbe	r Pool Type	Interest Ra	ate		Acquisition		Outstanding
AI4176	GNMA II	3.500	%	\$	21,964,999	\$	3,179,723
AF0093	GNMA II	2.500			224,137		-
AF0097	GNMA II	2.500			121,249		-
AF0098	GNMA II	2.625			742,958		346,451
AF0099	GNMA II	2.750			197,808		94,938
AH1960	GNMA II	3.000			101,458		78,395
AH1964	GNMA II	3.500			640,759		275,493
AH2037	GNMA II	3.500			7,775,339		1,189,067
AH2592	GNMA II	3.500			709,704		165,021
AV7825	FNMA	4.500			201,546		92,997
Subtotal					32,679,957		5,422,085
MBS Participation Interest (67.2124%)				21,964,983		3,644,314	



2014 CDE, continued

14CDE Participation Interest in the following Mortgage-Backed Securities (50.115% of the principal payments and none of the interest payments paid to 14CDE)

		Pass-Through	Principal Amount At		1	Principal Amount
Pool Number	Pool Type	Interest Rate		Acquisition		Outstanding
Al4766	GNMA II	3.000 %	\$	226,721	\$	-
AH2598	GNMA II	3.500		178,836		-
AH2684	GNMA II	3.500		129,781		-
Al4076	GNMA II	3.500		438,494		184,071
Al4125	GNMA II	3.500		133,278		-
AH1965	GNMA II	4.000		621,071		104,098
AH2599	GNMA II	4.000		372,689		92,043
AX8552	FNMA	4.500		115,889		-
AX8124	FNMA	3.500		2,206,586		700,081
Subtotal				4,423,344		1,080,293
MBS Particip	ation Interest	(50.115%)		2,216,759		541,389



2014 CDE, continued

14CDE Participation Interest in the following Mortgage-Backed Securities (92.0199% of the principal payments and 81.75% of the interest payments paid to 14CDE)

Pool Number Pool Type		Pass-Through Interest Rate	Prii	ncipal Amount At Acquisition	Principal Amount Outstanding	
AI4924 AX3836	GNMA II FNMA	3.500 % 3.500	\$	25,651,238 2,224,511	\$	4,024,106 739,938
Subtotal MBS Particip	pation Interest	(92.0199%)		27,875,749 25,651,236		4,764,044 4,383,869



2014 CDE, continued

14CDE Participation Interest in the following Mortgage-Backed Securities (49.8093% of the principal payments and 10% of the interest payments paid to 14CDE)

Deal New Joseph Torre		Pass-Through	Pri	ncipal Amount At	Principal Amount		
Pool Number	Pool Type	Interest Rate		Acquisition		Outstanding	
Al4767	GNMA II	3.500 %	\$	24,803,293	\$	4,530,385	
AM8612	GNMA I	3.000		9,358,396		2,162,045	
AM8937	GNMA I	3.000		5,807,044		1,486,468	
AM8938	GNMA I	3.000		4,951,378		1,278,628	
AM8939	GNMA I	3.000		4,876,401		1,601,287	
Subtotal				49,796,511		11,058,813	
MBS Participation Interest (49.8093%)				24,803,294		5,508,317	
2014 CDE To	otal		\$	76,554,357	\$	14,225,237	



2015 ABCD

Pool Number Pool Type		Pass-Through Interest Rate		ipal Amount At	Principal Amount Outstanding	
AK6400	GNMA II	3.000	%	\$ 330,846	\$	-
AM8941	GNMA II	3.500		2,915,549		495,413
AM8943	GNMA II	3.500		205,216		165,591
Al4179	GNMA II	4.000		242,654		-
AM8942	GNMA II	4.000		39,872		-
AY5082	FNMA	3.500		1,743,318		388,815
AY5083	FNMA	3.500		499,627		-
AY5085	FNMA	3.500		2,322,111		688,521
AZ1657	FNMA	3.500		5,349,068		523,964
AZ1658	FNMA	4.000		248,181		61,608
Subtotal			•	13,896,443		2,323,911



2015 ABCD, continued

15ABCD Participation Interest in the following Mortgage-Backed Securities (50.1907% of the principal payments and 90% of the interest payments paid to 15ABCD)

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
AM8612 AM8937 AM8938 AM8939 AI4767	GNMA I GNMA I GNMA I GNMA I GNMA II	3.000 3.000 3.000 3.000 3.500	%	\$	9,358,396 5,807,044 4,951,378 4,876,401 24,803,293	\$	2,162,045 1,486,468 1,278,628 1,601,287 4,530,385
Subtotal			•		49,796,511		11,058,813
MBS Participation Interest (50.1907%)				24,993,218		5,550,496	



2015 ABCD, continued

15ABCD Participation Interest in the following Mortgage-Backed Securities (65.9973% of the principal payments and none of the interest payments paid to 15ABCD)

Pool Number Pool Type		Pass-Through Interest Rate		Pr	incipal Amount At Acquisition	Principal Amount Outstanding	
'							
AM8940	GNMA I	3.000	%	\$	4,520,297	\$	857,718
AM8555	GNMA II	3.500			3,739,824		998,692
AM8613	GNMA II	3.500			5,921,770		1,488,231
AZ5831	FNMA	3.500			6,715,036		1,230,559
AO8779	GNMA I	3.500			8,562,123		2,329,011
AY5078	FNMA	3.500			361,049		102,132
BA0621	FNMA	3.500			273,743		96,673
BA0623	FNMA	3.500			1,569,485		474,824
Subtotal					31,663,327		7,577,840
MBS Participation Interest (65.9973%)				20,896,941		5,001,170	



2015 ABCD, continued

15ABCD Participation Interest in the following Mortgage-Backed Securities (49.9968% of the principal payments and none of the interest payments paid to 15ABCD)

Pool Number Pool Type		Pass-Through Interest Rate	Prir	ncipal Amount At Acquisition	Principal Amount Outstanding	
AM8554	GNMA II	3.500 %	\$	3,794,512	\$	258,801
AM8556	GNMA II	3.500		306,712		123,973
AY5084	FNMA	3.500		362,410		-
AY5086	FNMA	3.500		3,739,337		595,478
Subtotal				8,202,970		978,251
MBS Participation Interest (49.9968%)				4,101,222		489,094
2015 ABCD	Total		\$	63,887,824	\$	13,364,671



2015 EFG

Pool Number Pool Type		Pass-Throu Interest Ra	U	Pr	incipal Amount At Acquisition	Principal Amount Outstanding	
BA0468	FNMA	3.000	%	\$	175,224	\$	-
AY5095	FNMA	3.500			476,397		-
AZ5833	FNMA	3.500			352,966		107,705
BA0469	FNMA	3.500			5,231,315		1,092,425
BA0470	FNMA	4.000			3,729,896		823,749
BA2501	FNMA	4.000			4,118,053		605,358
Subtotal					14,083,852		2,629,237



2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (34.0027% of the principal payments and 100% of the interest payments paid to 15EFG)

Pool Number Pool Type		Pass-Through Interest Rate		Pr —	incipal Amount At Acquisition	Principal Amount Outstanding	
AO8779 AY5078 BA0621 BA0623 AM8940 AM8555 AM8613 AZ5831	GNMA I FNMA FNMA FNMA GNMA I GNMA II GNMA II FNMA	3.500 3.500 3.500 3.500 3.000 3.500 3.500	%	\$	8,562,123 361,049 273,743 1,569,485 4,520,297 3,739,824 5,921,770 6,715,036	\$	2,329,011 102,132 96,673 474,824 857,718 998,692 1,488,231 1,230,559
Subtotal					31,663,327		7,577,840
MBS Participation Interest (34.0027%)				10,766,386		2,576,670	



2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (50.0481% of the principal payments and none of the interest payments paid to 15EFG)

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
AM8978 AO8641 AI4769 A08783 AO9369	GNMA II GNMA II GNMA II GNMA II GNMA I	3.500 3.500 3.500 3.500 3.500	%	\$	362,644 7,879,767 2,575,665 485,760 5,165,142	\$	169,037 1,772,465 414,105 135,684 560,404
Subtotal					16,468,978		3,051,694
MBS Participation Interest (50.0481%)				8,242,411		1,527,315	



2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (49.8383% of the principal payments and none of the interest payments paid to 15EFG)

Pool Numbe	Pool Number Pool Type		ugh ate	cipal Amount At Acquisition	Principal Amount Outstanding	
BA0624	FNMA	4.000	%	\$ 1,136,701	\$	363,381
BA0640	FNMA	3.500		848,267		283,590
BA0638	FNMA	4.000		105,339		81,169
BA6223	FNMA	4.000		190,469		59,402
Subtotal			•	2,280,776		787,542
MBS Participation Interest (49.8383%)				1,136,700		392,497



2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (49.9919% of the principal payments and none of the interest payments paid to 15EFG)

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
AO8778 Subtotal	GNMA I	3.500	%	\$	2,433,041 2,433,041	\$	712,201 712,201
MBS Participation Interest (49.9919%)					1,216,323		356,043



2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (24.996% of the principal payments and none of the interest payments paid to 15EFG)

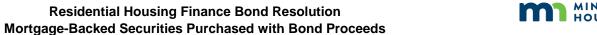
Pool Number Pool Type		Pass-Through Interest Rate		Prin	cipal Amount At Acquisition	Principal Amount Outstanding	
BC4092	FNMA	3.000	%	\$	296,775	\$	65,185
BC9423	FNMA	3.000			276,525		83,308
BC4085	FNMA	3.500			1,473,617		112,746
BC4097	FNMA	3.500			2,820,746		923,302
Subtotal					4,867,662		1,184,541
MBS Participation Interest (24.996%)					1,216,721		296,088



2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (66.6012% of the principal payments and none of the interest payments paid to 15EFG)

Pool Number Pool Type		Pass-Through Interest Rate		Pri	ncipal Amount At Acquisition	Principal Amount Outstanding	
AM9028 A08774 AM8976 AM9030 AO8775 AO8776 AO8777 AO8780 AO8781 AR0752 AR0753 BC4088	GNMA I GNMA II GNMA II GNMA II GNMA II GNMA II GNMA II GNMA I GNMA I GNMA I GNMA I	3.000 3.500 3.500 3.500 3.500 3.500 3.500 3.500 3.500 3.500 3.500	%	\$	1,580,780 2,049,815 486,464 459,995 4,172,145 4,878,678 4,710,655 5,472,547 10,554,848 7,079,482 7,442,958 2,244,234	\$	345,575 - 127,489 937,477 1,400,396 999,270 960,484 1,629,061 1,750,603 1,695,286 292,618
BC4086 Subtotal	FNMA	4.000			466,950 51,599,551		295,633 10,433,894
MBS Participation Interest (66.6012%)					34,365,920		6,949,099





2015 EFG, continued

Information as of June 30, 2024

15EFG Participation Interest in the following Mortgage-Backed Securities (50.0166% of the principal payments and none of the interest payments paid to 15EFG)

Pool Number Pool Type		Pass-Through Interest Rate		Prin	cipal Amount At Acquisition	Principal Amount Outstanding	
BA2500 BA0622	FNMA FNMA	3.500 4.000	%	\$	2,212,034 375,062	\$	292,629 -
Subtotal					2,587,096		292,629
MBS Participation Interest (50.0166%)					1,293,977		146,363



2015 EFG, continued

15EFG Participation Interest in the following Mortgage-Backed Securities (17.5% of the principal payments and none of the interest payments paid to 15EFG)

Pool Number Pool Type		Pass-Through Interest Rate		cipal Amount At Acquisition	Principal Amount Outstanding	
AT7604	GNMA I	3.000	%	\$ 6,702,989	\$	2,513,663
BD2362	FNMA	3.000		220,994		184,614
BD5918	FNMA	3.500		265,962		225,939
BC4100	FNMA	4.000		199,298		165,676
Subtotal				7,389,244		3,089,892
MBS Participation Interest (17.5%)				1,293,118		540,731
2015 EFG T	otal			\$ 73,615,407	\$	15,414,043



2016 ABC

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
BC4087	FNMA	3.500	%	\$	148,237	\$	-
BC6964	FNMA	3.500			6,593,541		1,154,075
BC4091	FNMA	4.000			110,858		86,183
Subtotal					6,852,636	•	1,240,257



2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (33.3988% of the principal payments and 100% of the interest payments paid to 16ABC)

Pool Number Pool Type		Pass-Through Interest Rate		Pri	ncipal Amount At Acquisition	Principal Amount Outstanding	
AR0752	GNMA II	3.500	%	\$	7,079,482	\$ 1,750,603	
AR0753	GNMA II	3.500			7,442,958	1,695,286	
BC4088	FNMA	3.500			2,244,234	292,618	
BC4086	FNMA	4.000			466,950	295,633	
AM9028	GNMA I	3.000			1,580,780	-	
A08774	GNMA I	3.000			2,049,815	345,575	
AM8976	GNMA II	3.500			486,464	-	
AM9030	GNMA II	3.500			459,995	127,489	
AO8775	GNMA II	3.500			4,172,145	937,477	
AO8776	GNMA II	3.500			4,878,678	1,400,396	
AO8777	GNMA II	3.500			4,710,655	999,270	
AO8780	GNMA I	3.500			5,472,547	960,484	
AO8781	GNMA I	3.500			10,554,848	1,629,061	
Subtotal					51,599,551	10,433,894	
MBS Participation Interest (33.3		(33.3988%)			17,233,626	3,484,794	



2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (50.0010% of the principal payments and none of the interest payments paid to 16ABC)

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
AR0746 BC5191 BC5179	GNMA I FNMA FNMA	3.000 3.500 4.000	%	\$	3,272,028 2,048,514 323,883	\$	627,190 610,006 69,170
Subtotal					5,644,425		1,306,365
MBS Participation Interest (50.0010%)				2,822,269		653,196	



2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (17.5% of the principal payments and none of the interest payments paid to 16ABC)

Pool Number Pool Type		Pass-Through Interest Rate		Pr	incipal Amount At Acquisition	Principal Amount Outstanding	
BD5921	FNMA	3.000	%	\$	935,394	\$	144,079
BD7768	FNMA	3.000			3,350,804		1,257,908
BC4099	FNMA	3.500			3,002,514		314,544
BC5180	FNMA	3.500			137,186		-
BC9426	FNMA	3.500			182,077		152,038
BD5216	FNMA	3.500			3,670,214		985,001
BD7770	FNMA	3.500			3,826,556		1,284,263
BD2361	FNMA	4.000			1,021,873		96,071
Subtotal					16,126,618		4,233,903
MBS Particip	ation Interest	(17.5%)			2,822,158		740,933



2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (20.055% of the principal payments and none of the interest payments paid to 16ABC)

Pool Number Pool Type		Pass-Through Interest Rate		Prir	ncipal Amount At Acquisition	Principal Amount Outstanding	
AT8143 B32197 BE0291 BD5924	GNMA I FHLMC FNMA FNMA	3.000 3.000 3.000 3.500	%	\$	5,334,500 282,833 5,134,247 363,030	\$	2,087,586 227,159 1,888,106
Subtotal	4:	(00.0550/)			11,114,610		4,202,850
MBS Particip	ation Interest	(20.055%)			2,229,035		842,882



2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (49.9914% of the principal payments and none of the interest payments paid to 16ABC)

Pool Number Pool Type		Pass-Through Interest Rate		cipal Amount At Acquisition	Principal Amount Outstanding	
AR0748 BC6965	GNMA II FNMA	3.000 4.000	%	\$ 3,630,340 826,966	\$	1,542,066 72,931
Subtotal MBS Particip	pation Interest	(49.9914%)		4,457,306 2,228,270		1,614,997 807,360



2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (50.0018% of the principal payments and none of the interest payments paid to 16ABC)

Pool Number Pool Type		Pass-Through Interest Rate		Pri	ncipal Amount At Acquisition	Principal Amount Outstanding	
AR0747	GNMA I	3.000	%	\$	3,877,322	\$	333,636
AR0749	GNMA II	3.000			3,953,558		1,203,253
AR0650	GNMA II	3.500			4,534,923		1,831,427
AR0651	GNMA II	3.500			4,522,700		1,392,849
AR0652	GNMA I	3.500			1,242,123		511,305
AR0750	GNMA II	3.500			6,913,842		1,280,683
AR0751	GNMA II	3.500			6,741,319		1,338,330
AX5784	GNMA II	2.500			259,963.00		-
AT8392	GNMA II	3.000			14,213,412		5,119,415
AT8393	GNMA I	3.000			12,562,961		4,250,875
AT8285	GNMA II	3.500			137,602		115,339
BD5933	FNMA	3.500			1,759,859		184,890
BE1718	FNMA	3.500			2,575,271		915,839
BA0636	FNMA	4.000			274,452		-
Subtotal					63,569,307		18,477,843
MBS Participation Interest (50.0018%)				31,785,798		9,239,254	



2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (50.005% of the principal payments and none of the interest payments paid to 16ABC)

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
AR0649 AR0754 BC4089	GNMA II GNMA I FNMA	3.500 3.500 4.000	%	\$	4,640,734 1,654,732 1,338,492	\$	1,157,773 370,527 127,722
Subtotal					7,633,958		1,656,023
MBS Participation Interest (50.005%)				3,817,361		828,094	



2016 ABC, continued

16ABC Participation Interest in the following Mortgage-Backed Securities (17.3082% of the principal payments and none of the interest payments paid to 16ABC)

Pool Number Pool Type		Pass-Through Interest Rate		Prir	ncipal Amount At Acquisition	Principal Amount Outstanding	
AX5910 BD5941 BE6508 BE6509 BA0626	GNMA I FNMA FNMA FNMA FNMA	3.000 3.000 3.000 3.500 4.000	%	\$	7,603,441 1,656,405 8,329,390 4,266,225 195,342	\$	1,708,228 490,149 3,548,958 1,663,259
Subtotal					22,050,803		7,410,593
MBS Participation Interest (17.3082%)					3,816,597		1,282,640
2016 ABC Total		\$	73,607,749	\$	19,119,410		



2016 DEF

Pool Numbe	Pool Type	Pass-Through Interest Rate	Pri	ncipal Amount At Acquisition	 Principal Amount Outstanding
AT8282	GNMA II	2.500 %	\$	468,571	\$ 166,529
AT8391	GNMA II	2.500		496,079	105,750
AT7716	GNMA I	3.000		1,623,547	608,525
AX5785	GNMA II	3.000		4,466,933	1,693,173
AT8394	GNMA II	3.500		159,514	105,101
B32215	FHLMC	3.000		939,625	337,133
B32217	FHLMC	3.000		410,812	97,563
B32218	FHLMC	3.500		296,567	148,750
BD5932	FNMA	3.000		1,379,466	351,292
BE1717	FNMA	3.000		5,428,580	2,707,521
BE4461	FNMA	3.000		4,411,237	1,536,500
BA0630	FNMA	3.500		451,951	198,533
BA0633	FNMA	3.500		1,483,230	386,585
BD5219	FNMA	3.500		914,423	209,760
BA0634	FNMA	4.000		1,796,880	214,056
Subtotal				24,727,415	8,866,772



2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (49.9982% of the principal payments and 100% of the interest payments paid to 16DEF)

Pool Number Pool Type			Pass-Through Interest Rate		Principal Amount AtAcquisition		Principal Amount Outstanding	
AX5784	GNMA II	2.500	%	\$	259,963	\$	-	
AT8392	GNMA II	3.000			14,213,412		5,119,415	
AT8393	GNMA I	3.000			12,562,961		4,250,875	
AT8285	GNMA II	3.500			137,602		115,339	
BD5933	FNMA	3.500			1,759,859		184,890	
BE1718	FNMA	3.500			2,575,271		915,839	
BA0636	FNMA	4.000			274,452		-	
AR0747	GNMA I	3.000			3,877,322		333,636	
AR0749	GNMA II	3.000			3,953,558		1,203,253	
AR0650	GNMA II	3.500			4,534,923		1,831,427	
AR0651	GNMA II	3.500			4,522,700		1,392,849	
AR0652	GNMA I	3.500			1,242,123		511,305	
AR0750	GNMA II	3.500			6,913,842		1,280,683	
AR0751	GNMA II	3.500			6,741,319		1,338,330	
Subtotal					63,569,307		18,477,843	
MBS Participation Interest (49.9982%)				31,783,509		9,238,589		



2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (50.005% of the principal payments and none of the interest payments paid to 16DEF)

Pool Number Pool Type		Pass-Through Interest Rate	Principal Amount At Acquisition		Principal Amount Outstanding	
BE4463 Subtotal	FNMA	3.500 %	\$	3,392,549 3,392,549	\$	727,522 727,522
MBS Particip	ation Interest	(50.005%)		1,696,444		363,797



2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (7.6918% of the principal payments and none of the interest payments paid to 16DEF)

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount AtAcquisition		Principal Amount Outstanding	
AX5910	GNMA I	3.000	%	\$	7,603,441	\$	1,708,228
BD5941	FNMA	3.000			1,656,405		490,149
BE6508	FNMA	3.000			8,329,390		3,548,958
BE6509	FNMA	3.500			4,266,225		1,663,259
BA0626	FNMA	4.000			195,342		-
Subtotal					22,050,803		7,410,593
MBS Participation Interest (7.6918%)				1,696,104		570,008	



2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (50% of the principal payments and none of the interest payments paid to 16DEF)

Pool Number Pool Type		Pass-Through Interest Rate	Pri	ncipal Amount At Acquisition	Principal Amount Outstanding	
AT8283 B32216 Subtotal	GNMA II FHLMC	3.000 % 3.500	\$	9,887,532 458,940 10,346,472	\$	3,764,272 177,916 3,942,187
MBS Particip	oation Interest	(50%)		5,173,236		1,971,094



2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (25% of the principal payments and none of the interest payments paid to 16DEF)

Pool Number Pool Type			Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
1 001 110111001	1 001 1 1 1 1	IIICICSI IX			7 toquisition		Odiotariang	
AX5908 AT8149	GNMA II GNMA II	2.500 3.000	%	\$	122,023 322,685	\$	101,171 268,214	
AX5793	GNMA II	3.000			465,572		270,793	
AX5986 AO9501	GNMA I GNMA II	3.000 3.500			3,732,410 448,599		1,378,102	
AT7498	GNMA II	3.500			92,943		78,129	
AX5915 AX5989	GNMA II GNMA II	3.500 3.500			520,800 4,873,647		285,028 1,109,037	
AX5990	GNMA II	4.000			1,364,441		256,902	
B32222 BE4720	FHLMC FNMA	4.000 3.000			113,706 649,691		98,325 216,102	
BE6512	FNMA	3.000			395,064		335,766	
BE7856	FNMA	3.000			958,379		496,787	
BE7857	FNMA	3.500			6,632,991		2,843,619	
Subtotal					20,692,948		7,737,977	
MBS Participation Interest (25.0%)				5,173,237		1,934,494		



2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (50% of the principal payments and none of the interest payments paid to 16DEF)

Pool Numbe	r Pool Type	Pass-Through Interest Rate	Pr	incipal Amount At Acquisition	ncipal Amount Outstanding
AX5789 Subtotal	GNMA I	3.000 %	\$	5,041,826 5,041,826	\$ 1,013,310 1,013,310
MBS Particip	ation Interest	(50.0%)		2,520,913	506,655



2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (33.5% of the principal payments and none of the interest payments paid to 16DEF)

Pool Number Pool Type			Pass-Through Interest Rate		incipal Amount At Acquisition	Principal Amount Outstanding	
AX5794	GNMA II	3.000	%	\$	655,497	\$	-
AX6116	GNMA II	3.000			1,707,090		340,480
AX6120	GNMA II	3.000			112,066		94,554
AX6206	GNMA II	3.000			212,943		179,215
AO9439	GNMA II	3.500			529,841		146,429
AX6119	GNMA II	4.000			892,247		-
AX6124	GNMA II	4.000			196,802		169,426
BE6511	FNMA	3.000			324,596		85,959
BH0318	FNMA	3.500			1,335,630		433,452
BE4726	FNMA	4.000			1,382,950		504,318
BE9284	FNMA	4.000			175,450		-
Subtotal					7,525,112		1,953,833
MBS Participation Interest (33.5%)				2,520,912		654,534	



2016 DEF, continued

16DEF Participation Interest in the following Mortgage-Backed Securities (66.665% of the principal payments and none of the interest payments paid to 16DEF)

Pool Number Pool Type		Pass-Through Interest Rate		Pri	ncipal Amount At Acquisition	Principal Amount Outstanding	
BE4462	FNMA	3.000	%	\$	6,198,005	\$	2,581,113
BD5937	FNMA	3.500			2,044,924		614,111
AX5786	GNMA II	3.000			4,961,391		1,243,699
AX5787	GNMA II	3.000			4,961,764		1,692,449
AX5788	GNMA I	3.000			6,156,959		1,716,658
BE4732	FNMA	3.000			98,583		· · · -
BH2912	FNMA	4.000			2,974,665		867,935
AT8286	GNMA II	3.000			457,633		234,182
AX6515	GNMA II	3.500			5,492,465		922,318
AX6516	GNMA II	4.000			3,139,100		711,630
Subtotal					36,485,488		10,584,094
MBS Participation Interest (66.665%)				24,323,051		7,055,887	
2016 DEF Total		\$	99,614,822	\$	31,161,830		



2017 ABC

		Pass-Throu	ugh	Pr	incipal Amount At	Prir	icipal Amount
Pool Numbe	r Pool Type	Interest Ra	ate		Acquisition	Outstanding	
							<u> </u>
BD7772	FNMA	3.000	%	\$	196,706	\$	167,639
BT0701	FNMA	2.500			710,760		661,867
BE0294	FNMA	3.000			179,604		-
BE4734	FNMA	3.000			148,729		-
BE7859	FNMA	3.000			468,577		198,093
BH2729	FNMA	3.000			383,724		324,196
BH4648	FNMA	3.000			126,200		-
BC4095	FNMA	3.500			438,704		57,456
BD5939	FNMA	3.500			159,402		-
BE0295	FNMA	3.500			119,348		-
BE4733	FNMA	3.500			328,824		-
BE4735	FNMA	3.500			537,739		80,671
BH2730	FNMA	3.500			1,254,329		45,979
BH4649	FNMA	3.500			1,004,240		158,856
BH2737	FNMA	4.000			456,858		-
BH2734	FNMA	4.500			174,246		-
BH4654	FNMA	4.500			516,158		291,593
QC3148	FHLMC	2.500			143,892		135,917
CI7945	GNMA II	2.125			186,165		175,411
AT8152	GNMA II	3.000			270,196		227,409
AX5912	GNMA II	3.000			682,872		-
AR0758	GNMA II	3.500			638,048		122,532
AR0759	GNMA II	3.500			584,144		97,088
AT7611	GNMA II	3.500			152,881		129,294
AX5916	GNMA II	3.500			376,517		-
AX5993	GNMA II	3.500			468,901		186,843
AX6123	GNMA II	3.500			526,494		-
AX6518	GNMA II	3.500			640,271		146,801
Subtotal					11,874,529		3,207,643



2017 ABC, continued

17ABC Participation Interest in the following Mortgage-Backed Securities (33.335% of the principal payments and 100% of the interest payments paid to 17ABC)

Pool Number Pool Type		Pass-Throu Interest Ra	Pass-Through		Principal Amount At Acquisition		Principal Amount Outstanding	
1 00111011100	1 001 1990	interest re			roquioitiori		Outotarianing	
BE4732	FNMA	3.000	%	\$	98,583	\$	-	
BH2912	FNMA	4.000			2,974,665		867,935	
AT8286	GNMA II	3.000			457,633		234,182	
AX6515	GNMA II	3.500			5,492,465		922,318	
AX6516	GNMA II	4.000			3,139,100		711,630	
BE4462	FNMA	3.000			6,198,005		2,581,113	
BD5937	FNMA	3.500			2,044,924		614,111	
AX5786	GNMA II	3.000			4,961,391		1,243,699	
AX5787	GNMA II	3.000			4,961,764		1,692,449	
AX5788	GNMA I	3.000			6,156,959		1,716,658	
Subtotal			•		36,485,488		10,584,094	
MBS Participation Interest (33.335%)				12,162,438		3,528,208		



2017 ABC, continued

17ABC Participation Interest in the following Mortgage-Backed Securities (50.00% of the principal payments and none of the interest payments paid to 17ABC)

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
BH2914 Subtotal	FNMA	4.000	%	\$	2,290,805 2,290,805	\$	561,978 561,978
MBS Participation Interest (50.0%)					1,145,402		280,989



2017 ABC, continued

17ABC Participation Interest in the following Mortgage-Backed Securities (30.00% of the principal payments and none of the interest payments paid to 17ABC)

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
BH6206	FNMA	3.500	%	\$	213,059	\$	80,997
BJ1725	FNMA	4.000			1,937,075		169,446
AX6604	GNMA II	3.500			494,913		200,792
BB3327	GNMA I	3.500			307,537		156,326
AX6520	GNMA II	4.000			150,638		-
AX6606	GNMA II	4.000			296,337		254,758
BB3326	GNMA II	4.000			249,619		-
BB3453	GNMA II	4.000			168,827		-
Subtotal					3,818,006		862,318
MBS Participation Interest (30.0%)					1,145,402		258,696



2017 ABC, continued

17ABC Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and 0% of the interest payments paid to 17ABC)

Pool Numbe	r Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
049790	FHLMC	4 000	%	\$	1 206 720	\$	100 200	
Q48789	_	4.000	70	Φ	1,206,720	Ф	198,389	
BH2735	FNMA	3.500			162,620		400.077	
BH2910	FNMA	3.500			1,192,918		192,277	
BE4736	FNMA	4.000			1,280,154		532,472	
BH2731	FNMA	4.000			2,206,844		618,366	
BH2732	FNMA	4.000			1,747,479		436,063	
BH2733	FNMA	4.000			2,772,975		341,292	
BH4650	FNMA	4.000			1,113,794		483,138	
BH4651	FNMA	4.000			2,228,404		777,744	
BH4652	FNMA	4.000			2,104,727		610,513	
BH4653	FNMA	4.000			2,290,937		177,596	
AX6514	GNMA I	3.500			6,265,164		1,818,887	
AX6602	GNMA I	3.500			8,203,751		1,629,551	
AX6513	GNMA II	4.000			2,562,616		313,608	
B32270	FHLMC	3.500			786,874		140,521	
BJ2867	FNMA	3.500			5,875,027		2,985,326	
BJ5391	FNMA	3.500			4,028,730		823,979	
BJ2871	FNMA	4.000			2,285,270		861,104	
BJ5218	FNMA	4.000			163,639		-	
BJ5393	FNMA	4.000			2,890,359		1,105,766	
BJ5395	FNMA	4.000			3,265,054		1,603,797	



2017 ABC, continued

17ABC Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and 0% of the interest payments paid to 17ABC), continued

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
AX6212 BB3794 BB3795 BB3796 BB3798	GNMA II GNMA II GNMA II GNMA II GNMA II	3.500 3.500 3.500 3.500 3.500	%	\$	585,625 3,071,434 5,412,470 4,094,272 2,880,351	\$	146,142 1,148,491 1,970,498 942,421 1,200,367
Subtotal					70,678,208		21,058,310
MBS Participation Interest (50.000%)				35,339,104		10,529,155	
2017 ABC Total			\$	61,666,874	\$	17,804,691	



2017 DEF

Pool Number Pool Type		Pass-Through Interest Rate		Pr	incipal Amount At Acquisition	Principal Amount Outstanding	
B32253	FHLMC	3.500	%	\$	164,103	\$	-
B32261	FHLMC	3.500			375,301		190,999
BJ0401	FNMA	3.500			548,771		223,369
BJ5388	FNMA	3.500			1,098,490		403,485
BU7363	FNMA	2.500			236,839		224,655
BB3874	GNMA II	3.500			5,030,356		1,452,069
BB3875	GNMA II	3.500			4,783,103		1,418,429
BB3876	GNMA II	3.500			5,004,487		2,057,772
BB3877	GNMA II	3.500			4,889,444		1,814,395
BB3878	GNMA II	3.500			4,983,334		1,891,160
BB3880	GNMA II	3.500			5,393,045		1,443,356
BB3879	GNMA II	3.500			4,962,312		1,520,034
Subtotal					37,469,585		12,639,723



2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and 100% of the interest payments paid to 17DEF)

Pass-Through	Principal Amount At	Principal Amount Outstanding
- Intoroot reato	7 10 9 010 111 011	<u> </u>
3.500 %	\$ 786,874	\$ 140,521
3.500	5,875,027	2,985,326
3.500	4,028,730	823,979
4.000	2,285,270	861,104
4.000	163,639	-
4.000	2,890,359	1,105,766
4.000	3,265,054	1,603,797
3.500	585,625	146,142
3.500	3,071,434	1,148,491
3.500	5,412,470	1,970,498
3.500	4,094,272	942,421
3.500	2,880,351	1,200,367
4.000	1,206,720	198,389
3.500	162,620	-
3.500	1,192,918	192,277
4.000	1,280,154	532,472
4.000	2,206,844	618,366
4.000	1,747,479	436,063
4.000	2,772,975	341,292
4.000	1,113,794	483,138
4.000	2,228,404	777,744
4.000	2,104,727	610,513
4.000	2,290,937	177,596
	3.500 % 3.500 4.000 4.000 4.000 3.500 3.500 3.500 3.500 3.500 3.500 4.000 4.000 4.000 4.000 4.000 4.000 4.000 4.000 4.000 4.000 4.000 4.000 4.000 4.000 4.000	Interest Rate Acquisition 3.500 % 786,874 3.500 5,875,027 3.500 4,028,730 4.000 2,285,270 4.000 163,639 4.000 3,265,054 3.500 3,265,054 3.500 3,071,434 3.500 3,071,434 3.500 5,412,470 3.500 4,094,272 3.500 2,880,351 4.000 1,206,720 3.500 162,620 3.500 1,192,918 4.000 1,280,154 4.000 2,206,844 4.000 2,772,975 4.000 1,113,794 4.000 2,228,404 4.000 2,228,404 4.000 2,104,727



2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and 100% of the interest payments paid to 17DEF), continued

Pool Number Pool Type		Pass-Through Interest Rate		Prir	ncipal Amount At Acquisition	Principal Amount Outstanding	
AX6514 AX6602 AX6513	GNMA I GNMA I GNMA II	3.500 3.500 4.000	%	\$	6,265,164 8,203,751 2,562,616	\$	1,818,887 1,629,551 313,608
Subtotal					70,678,208		21,058,310
MBS Participation Interest (50.000%)				35,339,104		10,529,155	



2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (25.000% of the principal payments and none of the interest payments paid to 17DEF)

Pool Number Pool Type		Pass-Through Interest Rate	Pri	ncipal Amount At Acquisition	Principal Amount Outstanding	
BB4116	GNMA II	3.500 %	\$	4,179,316	\$	1,653,810
BB4114	GNMA I	3.500		4,430,199		1,132,815
BB4115	GNMA I	3.500		1,285,872		553,148
B32294	FHLMC	3.500		889,653		191,186
B32295	FHLMC	4.000		72,364		63,704
BH8427	FNMA	3.500		610,540		187,172
BJ5221	FNMA	3.500		1,988,298		630,644
BJ5399	FNMA	3.500		456,440		281,970
BJ8207	FNMA	3.500		1,044,791		581,605
BK0989	FNMA	3.500		3,778,347		1,308,293
BK0990	FNMA	3.500		2,084,193		681,506
BK0991	FNMA	3.500		3,567,149		1,542,984
Subtotal				24,387,161		8,808,837
MBS Participation Interest (25.0%)			6,096,790		2,202,209	



2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and none of the interest payments paid to 17DEF)

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
BJ0412	FNMA	3.500	%	\$	2,101,228	\$	995,727
BJ2869	FNMA	3.500			2,726,869		376,639
BJ2873	FNMA	4.000			2,391,919		197,689
BJ5214	FNMA	3.500			1,105,052		-
BB3797	GNMA II	3.500			3,868,517		1,116,119
Subtotal					12,193,585		2,686,174
MBS Participation Interest (50.000%)				6,096,793		1,343,087	



2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (30.000% of the principal payments and none of the interest payments paid to 17DEF)

		Pass-Through		Principal Amount At			Principal Amount Outstanding	
Pool Numbe	r Pool Type	Interest Ra	Interest Rate		Acquisition			
B32303	FHLMC	4.000	%	\$	460,421	\$	141,347	
BH8343	FNMA	4.000			534,213		-	
BJ5401	FNMA	4.000			150,788		-	
BF2379	GNMA II	3.500			3,368,038		1,124,099	
BF2380	GNMA II	4.000			2,882,352		738,741	
BF2172	GNMA I	3.500			2,167,549		410,843	
BF2377	GNMA I	3.500			1,338,753		614,606	
Subtotal					10,902,114		3,029,636	
MBS Participation Interest (30.000%)				3,270,634		908,891		



2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and none of the interest payments paid to 17DEF)

		Pass-Through		Pri	ncipal Amount At	Principal Amount Outstanding	
Pool Number	Pool Type	Interest Rate			Acquisition		
BJ0414	FNMA	3.500	%	\$	2,277,814	\$	903,613
BJ5216	FNMA	3.500			2,318,723		369,542
BJ5389	FNMA	3.500			1,982,976		408,514
Subtotal					6,579,513		1,681,670
MBS Participation Interest (50.000%)					3,289,756		840,835



2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (40.000% of the principal payments and none of the interest payments paid to 17DEF)

		Pass-Throu	Pass-Through		incipal Amount At	Principal Amount	
Pool Number	er Pool Type	Interest Ra	ite		Acquisition	 Outstanding	
BJ0410	FNMA	3.500	%	\$	550,689	\$ 162,616	
BK1671	FNMA	4.000			291,810	62,327	
BK3337	FNMA	4.000			1,305,698	296,276	
BK3338	FNMA	4.000			2,205,603	552,388	
BK3339	FNMA	4.000			1,055,529	202,738	
BK3342	FNMA	4.000			308,085	81,758	
BK4075	FNMA	4.000			1,272,248	264,382	
BK4077	FNMA	4.000			1,089,471	394,128	
BK5110	FNMA	4.000			2,136,660	967,995	
BK6996	FNMA	4.000			1,260,717	339,187	
BK6997	FNMA	4.000			2,301,801	651,884	
BK7000	FNMA	4.500			2,319,415	456,138	
BK7001	FNMA	4.500			2,408,804	170,162	
B32321	FHLMC	4.000			154,310	-	
B32316	FHLMC	4.000			597,634	202,863	
Q56821	FHLMC	4.500			1,257,783	389,548	
BB3331	GNMA II	3.500			535,471	251,444	
BB3803	GNMA II	3.500			625,020	203,272	
BB4033	GNMA II	3.500			304,304	91,499	
BB4119	GNMA II	3.500			575,626	171,005	



2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (40.000% of the principal payments and none of the interest payments paid to 17DEF), continued

		Pass-Throu	ough Pr		ncipal Amount At	Pr	incipal Amount
Pool Number Pool Type		Interest Rate			Acquisition	Outstanding	
BF2384	GNMA II	3.500	%	\$	547,416	\$	-
BF2612	GNMA II	3.500			162,282		-
BF2614	GNMA II	4.000			4,711,173		814,158
BF2621	GNMA II	4.000			561,626		209,683
BF2491	GNMA II	4.500			2,569,139		195,127
BF2616	GNMA II	4.500			2,348,038		400,151
BF2618	GNMA II	4.500			2,087,298		393,637
Subtotal					35,543,650		7,924,364
MBS Participation Interest (40.000%)				14,217,460		3,169,746	



2017 DEF, continued

17DEF Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and none of the interest payments paid to 17DEF)

		Pass-Through		Prir	Principal Amount At		Principal Amount	
Pool Numbe	r Pool Type	Interest Ra	Interest Rate		Acquisition		Outstanding	
BJ0413	FNMA	3.500	%	\$	1,668,585	\$	724,312	
BJ0415	FNMA	3.500			1,364,693		342,335	
BJ2868	FNMA	3.500			2,138,695		410,202	
BJ2870	FNMA	3.500			1,241,724		220,654	
BJ2874	FNMA	4.000			1,172,230		-	
BJ5215	FNMA	3.500			1,139,105		285,309	
BJ5217	FNMA	3.500			1,195,322		630,975	
BJ5390	FNMA	3.500			2,607,621		1,001,753	
BJ5392	FNMA	3.500			1,378,345		821,455	
BJ5394	FNMA	4.000			1,943,975		558,773	
BB3791	GNMA I	3.500			3,586,872		1,334,109	
BB3792	GNMA I	3.500			4,373,543		948,811	
BB3793	GNMA I	3.500			4,874,109		1,563,574	
Subtotal					28,684,820		8,842,261	
MBS Participation Interest (50.000%)				14,342,410		4,421,130		
2017 DEF Total				\$	120,122,532	\$	36,054,777	



2018 ABCD

	Pa	ss-Through	h	Pri	ncipal Amount At		Principal Amount
Pool Number Pool	ol Type Int	terest Rate	<u> </u>		Acquisition	<u> </u>	Outstanding
B32314 FH	LMC :	3.500	%	\$	163,459	\$	-
B32315 FH	LMC 4	4.500			142,087		126,430
B32320 FH	LMC 4	4.000			116,088		-
B32322 FH	LMC 4	4.500			248,252		135,987
B32328 FH	LMC 4	4.000			554,503		390,215
BE4728 FN	MA 4	4.000			369,322		-
BJ0400 FN	MA :	3.500			459,057		-
BJ0402 FN	MA :	3.500			434,785		-
BJ2876 FN	MA :	3.500			339,985		157,044
BJ8219 FN	MA 4	4.000			448,968		134,321
BK0996 FN	MA :	3.500			446,957		290,825
BK0997 FN	MA :	3.500			525,586		325,896
BK0998 FN	MA :	3.500			699,765		-
BK1670 FN	MA :	3.500			413,986		166,632
BK3333 FN	MA :	3.500			895,167		89,845
BK3335 FN	MA :	3.500			1,020,628		-
BK3336 FN	MA 4	4.000			1,034,111		191,101
BK3340 FN	MA 4	4.500			355,128		-
BK3341 FN	MA :	3.500			207,161		184,867
BK4073 FN	MA :	3.500			480,683		143,485
BK4074 FN	MA 4	4.000			2,014,715		180,718
BK4076 FN	MA 4	4.000			1,974,594		348,046
BK4078 FN	MA 4	4.500			1,394,390		312,001
BK4079 FN	MA 4	4.500			2,074,399		342,511
BK5108 FN	MA 4	4.000			1,855,353		405,987
BK5109 FN	MA 4	4.000			1,313,057		288,502



2018 ABCD, continued

		Pass-Throu	gh	Pr	incipal Amount At	Principal Amount
Pool Number	Pool Type	Interest Ra	_		Acquisition	Outstanding
BK5111	FNMA	4.000	%	\$	665,874	\$ -
BK5112	FNMA	4.500			2,664,598	983,982
BK5113	FNMA	4.500			3,026,982	458,239
BK5114	FNMA	4.500			1,010,895	-
BK5117	FNMA	4.500			120,772	-
BK6998	FNMA	4.000			824,373	157,966
BK6999	FNMA	4.500			2,960,454	1,224,414
BK7002	FNMA	4.500			1,564,581	171,216
AX6211	GNMA II	3.500			443,193	314,420
BB3332	GNMA II	4.000			324,852	-
BB3459	GNMA II	3.500			527,574	-
BB3594	GNMA II	3.500			472,914	165,880
BB3595	GNMA II	3.500			395,486	141,652
BB3690	GNMA II	3.500			471,395	-
BB3800	GNMA II	3.500			361,608	-
BB4034	GNMA II	3.500			461,262	103,548
BB4035	GNMA II	3.500			550,625	141,451
BB4120	GNMA II	3.500			427,259	286,125
BB4121	GNMA II	3.500			514,224	-
BB4122	GNMA II	3.500			404,126	-
BF2178	GNMA II	3.500			437,746	-
BF2179	GNMA II	3.500			492,962	108,244
BF2182	GNMA II	3.500			175,760	-
BF2487	GNMA II	3.500			1,599,788	447,197
BF2490	GNMA II	4.000			1,726,633	192,174



2018 ABCD, continued

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
BF2495	GNMA II	4.500	%	\$	195,365	\$	-
CI8073	GNMA II	2.875			4,980,119		4,723,545
BF2933	GNMA II	3.500			102,949		90,844
BF2938	GNMA II	4.500			3,553,501		553,853
BF2170	GNMA I	3.500			3,185,013		532,637
Subtotal					54.625.069		15,011,798



2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (60.000% of the principal payments and 100% of the interest payments paid to 18ABCD)

		Pass-Throu	Pass-Through		Principal Amount At			Principal Amount	
Pool Number	Pool Type	Interest Ra	Interest Rate		Acquisition		Outstanding		
B32316	FHLMC	4.000	%	\$	597,634		\$	202,863	
B32321	FHLMC	4.000			154,310			-	
Q56821	FHLMC	4.500			1,257,783			389,548	
BJ0410	FNMA	3.500			550,689			162,616	
BK1671	FNMA	4.000			291,810			62,327	
BK3337	FNMA	4.000			1,305,698			296,276	
BK3338	FNMA	4.000			2,205,603			552,388	
BK3339	FNMA	4.000			1,055,529			202,738	
BK3342	FNMA	4.000			308,085			81,758	
BK4075	FNMA	4.000			1,272,248			264,382	
BK4077	FNMA	4.000			1,089,471			394,128	
BK5110	FNMA	4.000			2,136,660			967,995	
BK6996	FNMA	4.000			1,260,717			339,187	
BK6997	FNMA	4.000			2,301,801			651,884	
BK7000	FNMA	4.500			2,319,415			456,138	
BK7001	FNMA	4.500			2,408,804			170,162	
BB3331	GNMA II	3.500			535,471			251,444	
BB3803	GNMA II	3.500			625,020			203,272	
BB4033	GNMA II	3.500			304,304			91,499	
BB4119	GNMA II	3.500			575,626			171,005	
BF2384	GNMA II	3.500			547,416			-	
BF2491	GNMA II	4.500			2,569,139			195,127	
BF2612	GNMA II	3.500			162,282			-	



2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (60.000% of the principal payments and 100% of the interest payments paid to 18ABCD)

		Pass-Through		Principal Amount At		Principal Amount					
Pool Number Pool Type		Interest Rate		-	Acquisition	Outstanding					
BF2616	GNMA II	4.500	%	\$	2,348,038	\$	400,151				
BF2618	GNMA II	4.500			2,087,298		393,637				
BF2614	GNMA II	4.000			4,711,173		814,158				
BF2621	GNMA II	4.000			561,626		209,683				
Subtotal					35,543,650		7,924,364				
MBS Participation Interest (60.000%)		(60.000%)			21,326,190		4,754,618				



2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (50.000% of the principal payments and 100% of the interest payments paid to 18ABCD)

Pas		Pass-Throu	Pass-Through		ncipal Amount At	Principal Amount	
Pool Numbe	r Pool Type	Interest Ra	Interest Rate		Acquisition		Outstanding
BJ0413	FNMA	3.500	%	\$	1,654,698	\$	724,312
BJ0415	FNMA	3.500			1,354,162		342,335
BJ2868	FNMA	3.500			2,119,623		410,202
BJ2870	FNMA	3.500			1,231,254		220,654
BJ2874	FNMA	4.000			1,162,942		-
BJ5215	FNMA	3.500			1,129,624		285,309
BJ5217	FNMA	3.500			1,186,168		630,975
BJ5390	FNMA	3.500			2,584,435		1,001,753
BJ5392	FNMA	3.500			1,366,560		821,455
BJ5394	FNMA	4.000			1,927,501		558,773
BB3791	GNMA I	3.500			3,554,670		1,334,109
BB3792	GNMA I	3.500			4,333,087		948,811
BB3793	GNMA I	3.500			4,830,196		1,563,574
Subtotal					28,434,918		8,842,261
MBS Participation Interest (50.000%)				14,217,459		4,421,130	



2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (23.8% of the principal payments and 0% of the interest payments paid to 18ABCD)

	Pass-Through		Pr	Principal Amount At		Principal Amount	
Pool Numbe	r Pool Type	Interest Rate			Acquisition	Outstanding	
BK8043	FNMA	5.000	%	\$	420,043	\$	166,067
BK8048	FNMA	5.000			154,823		135,345
BK8980	FNMA	4.500			1,466,705		766,153
BF2622	GNMA II	4.000			452,287		64,627
BF2624	GNMA II	4.500			534,479		154,551
BF2939	GNMA II	4.000			491,314		-
BF3050	GNMA II	4.500			1,341,407		284,922
Subtotal			·		4,861,057		1,571,665
MBS Participation Interest (23.8%)					1,156,932		374,056





2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (60.000% of the principal payments and 26.6428% of the interest payments paid to 18ABCD)

Pool Number Pool Type		Pass-Through Interest Rate			cipal Amount At	Principal Amount	
				Acquisition		Outstanding	
BF2488	GNMA II	4.000	%	\$	2,892,334	\$	876,733
Subtotal			,		2,892,334		876,733
MBS Particip	ation Interest	(60.000%)			1,735,400		526,040



2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (24.9962% of the principal payments and 0% of the interest payments paid to 18ABCD)

		Pass-Through		Pr	Principal Amount At		Principal Amount
Pool Number Pool Type		Interest Ra	Interest Rate		Acquisition		Outstanding
B32327	FHLMC	4.500	%	\$	221,504	\$	194,693
B32350	FHLMC	5.000			336,447		-
B32362	FHLMC	5.000			203,253		-
BK8971	FNMA	4.500			420,812		162,193
BK8972	FNMA	4.500			527,447		298,097
BK9342	FNMA	4.500			507,214		263,542
BN0265	FNMA	5.000			930,657		519,632
Subtotal			·		3,147,332		1,438,157
MBS Participation Interest (24.9962%)				786,713		359,485	





2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (60.000% of the principal payments and 25.5425% of the interest payments paid to 18ABCD)

		Pass-Throu	Pass-Through Principal Amount At				Principal Amount		
Pool Number Pool Type		Interest Ra	ate		Acquisition	Outstanding			
BF2613	GNMA II	4.000	%	\$	1,966,784	\$	712,783		
Subtotal					1,966,784		712,783		
MBS Participation Interest (60.000%)					1,180,070		427,670		



2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (39.9976% of the principal payments and 0% of the interest payments paid to 18ABCD)

		Pass-Through		Pri	ncipal Amount At	Principal Amount Outstanding		
Pool Number	Pool Type	Interest Ra	Interest Rate		Acquisition			
BB3882	GNMA	3.500	%	\$	2,433,820	\$	615,565	
BF3126	GNMA II	4.000			1,969,609		698,457	
BI5933	GNMA II	4.000			5,053,923		2,675,178	
BI6182	GNMA II	4.000			3,449,985		1,330,525	
BI6183	GNMA II	4.000			3,382,053		974,272	
BI6070	GNMA II	4.500			5,213,371		1,950,122	
BI6184	GNMA II	4.500			3,474,491		1,137,113	
BI6185	GNMA II	4.500			4,381,919		1,027,415	
BI6186	GNMA II	4.500			5,013,250		2,177,232	
Subtotal			,		34,372,422		12,585,880	
MBS Participation Interest (39.9976%)				13,748,144		5,034,050		



2018 ABCD, continued

18ABCD Participation Interest in the following Mortgage-Backed Securities (60.000% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to18ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate		Interest Participation			Principal Amount At Acquisition		cipal Amount outstanding
BF2177	GNMA	3.500	%	29.5335	%	\$	1,004,344	\$	883,903
BF2171	GNMA	3.500	, -	29.5335	, ,	•	1,788,664	*	975.941
BF2378	GNMA	3.500		29.5335			4,114,255		821,548
BF2493	GNMA II	4.000		25.5425			616,883		155,552
BF2615	GNMA II	4.000		25.5425			3,662,418		1,335,886
BF2934	GNMA II	4.000		25.5425			4,891,882		1,833,434
BF2935	GNMA II	4.000		25.5425			6,042,297		579,032
BF2617	GNMA II	4.500		24.2974			3,369,519		717,388
BF2936	GNMA II	4.500		24.2227			4,492,876		777,856
BF2937	GNMA II	4.500		24.5703			4,387,315		846,919
Subtotal							34,370,453		8,927,459
MBS Particip	ation Interest	(60.000%)					20,622,272		5,356,475
2018 ABCD	Γotal					\$	129,398,249	\$	36,265,322



2018 EFGH

	Pass-Through		Pr	incipal Amount At	Principal Amount		
Pool Number Pool Type	Interest Rate	е		Acquisition		Outstanding	
BJ1726 FNMA	3.500	%	\$	315,572	\$	168,977	
BU7364 FNMA	3.000			3,808,684		3,625,555	
BJ5397 FNMA	3.500			433,588		352,141	
BJ5398 FNMA	3.500			445,687		88,018	
BJ8217 FNMA	3.500			506,477		287,872	
BJ5233 FNMA	3.500			149,889		134,053	
BK4081 FNMA	4.000			256,835		97,297	
BK4080 FNMA	4.000			381,469		114,103	
BK7003 FNMA	4.000			505,809		-	
BK8963 FNMA	4.000			4,291,720		1,107,129	
BK8037 FNMA	4.000			1,000,675		339,583	
BK9990 FNMA	4.000					300,000	
BK9990 FNMA BK9992 FNMA	4.000			149,776 154,145		-	
				•		222.406	
	4.000			245,655		222,106	
BK8044 FNMA	4.500			457,447		275,822	
BK7005 FNMA	4.500			204,837		113,112	
BK8046 FNMA	4.500			565,390		296,437	
BK9339 FNMA	4.500			437,996		-	
BK9341 FNMA	4.500			502,441		129,268	
BK9994 FNMA	4.500			1,646,268		452,683	
BK9997 FNMA	4.500			127,747		-	
BN0264 FNMA	4.500			5,484,630		1,018,680	
Q58620 FHLMC	4.500			1,178,359		685,805	
Q58602 FHLMC	4.500			1,111,370		283,247	
Q58603 FHLMC	4.500			1,063,623			
BN0268 FNMA	4.500			398,255		161,094	
BN0269 FNMA	4.500			347,438		-	



2018 EFGH, continued

	Pass-Through	Principal Amount At	Principal Amount
Pool Number Pool Type	Interest Rate	Acquisition	Outstanding
BK9999 FNMA BN0000 FNMA	4.500 % 4.500	\$ 1,381,013 1,953,327	\$ 404,153 739,521
BN0001 FNMA BN1399 FNMA	4.500 4.500	4,323,173 1,484,027	1,328,255 927,289
BN1817 FNMA	4.500	3,769,726	1,502,815
BN1818 FNMA	4.500	3,545,557	999,915
BN1819 FNMA	4.500	4,488,989	1,353,249
BN1820 FNMA	4.500	6,659,459	1,209,324
BN1822 FNMA	4.500	487,649	166,113
BN2708 FNMA	4.500	3,782,211	644,073
Q59693 FHLMC	4.500	1,055,496	475,702
Q59698 FHLMC	4.500	1,623,029	506,729
BN0270 FNMA	5.000	152,724	-
BN1821 FNMA	5.000	858,456	146,914
B32379 FHLMC	5.000	499,974	313,423
BN2709 FNMA	5.000	1,116,372	726,070
BN2710 FNMA	5.000	1,550,673	397,912
B32393 FHLMC	5.000	180,589	-
B32364 FHLMC BB3454 GNMA II	4.500 3.500	460,803 335,283	93,035
BB3460 GNMA II	3.500	505,269	-
BB3801 GNMA II	3.500	451,312	207,689



2018 EFGH, continued

		Pass-Throu	ıgh	Principal Amount At		Pri	ncipal Amount
Pool Number	Pool Type	Interest Ra	te		Acquisition	Outstanding	
BB3802	GNMA II	3.500	%	\$	429,691	\$	-
BF2383	GNMA II	3.500			466,053		74,647
BF2385	GNMA II	4.000			563,784		503,404
BI6065	GNMA II	4.000			2,544,854		922,246
BI6066	GNMA II	4.000			5,879,906		1,568,438
BF2623	GNMA II	4.500			463,185		-
BF3057	GNMA II	4.500			420,914		-
CE3346	GNMA II	2.500			409,013		191,785
BF3059	GNMA II	4.500			479,902		297,097
BI6069	GNMA II	4.500			4,157,487		746,219
BI6293	GNMA II	4.000			3,463,322		966,006
Subtotal					86,115,008	_	27,365,009



2018 EFGH, continued

18EFGH Participation Interest in the following Mortgage-Backed Securities (60.0024% of the principal payments and 100% of the interest payments paid to18EFGH)

		Pass-Through		Pri	ncipal Amount At	Pr	Principal Amount	
Pool Numbe	er Pool Type	Interest Ra	Interest Rate		Acquisition	Outstanding		
BB3882	GNMA	3.500	%	\$	2,433,820	\$	615,565	
BF3126	GNMA II	4.000			1,969,609		698,457	
BI5933	GNMA II	4.000			5,053,923		2,675,178	
BI6182	GNMA II	4.000			3,449,985		1,330,525	
BI6183	GNMA II	4.000			3,382,053		974,272	
BI6070	GNMA II	4.500			5,213,371		1,950,122	
BI6184	GNMA II	4.500			3,474,491		1,137,113	
BI6185	GNMA II	4.500			4,381,919		1,027,415	
BI6186	GNMA II	4.500			5,013,250		2,177,232	
Subtotal			,		34,372,422		12,585,880	
MBS Participation Interest (60.0024%)					20,624,278		7,551,830	



2018 EFGH, continued

18EFGH Participation Interest in the following Mortgage-Backed Securities (40.000% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 18EFGH)

		Pass-Through					Principal Amount At	Prir	ncipal Amount
Pool Numbe	r Pool Type	Interest Rate	_,	Interest Participation			Acquisition		Outstanding
BF2177	GNMA	3.500	%	70.4665	%	\$	1,004,344	\$	883,903
BF2171	GNMA	3.500		70.4665			1,788,664		975,941
BF2378	GNMA	3.500		70.4665			4,114,255		821,548
BF2493	GNMA II	4.000		74.4575			616,883		155,552
BF2615	GNMA II	4.000		74.4575			3,662,418		1,335,886
BF2934	GNMA II	4.000		74.4575			4,891,882		1,833,434
BF2935	GNMA II	4.000		74.4575			6,042,297		579,032
BF2617	GNMA II	4.500		75.7026			3,369,519		717,388
BF2936	GNMA II	4.500		75.7773			4,492,876		777,856
BF2937	GNMA II	4.500		75.4297			4,387,315		846,919
Subtotal							34,370,453		8,927,459
MBS Particip	MBS Participation Interest (40.000%) 13,748,181 3,570,983								



2018 EFGH, continued

18EFGH Participation Interest in the following Mortgage-Backed Securities (37.5225% of the principal payments and 0% of the interest payments paid to18EFGH)

			Pass-Through		cipal Amount At	Principal Amount		
Pool Number	Pool Type	Interest Ra	te		Acquisition		Outstanding	
BN3059	FNMA	4.500	%	\$	3,011,057	\$	946,289	
BN6774	FNMA	4.500			5,494,643		1,616,456	
BN6775	FNMA	5.000			1,631,285		662,078	
BN6776	FNMA	5.000			2,366,006		365,719	
BN7977	FNMA	4.500			2,510,326		1,370,867	
BN7978	FNMA	4.500			4,831,213		903,222	
BN7979	FNMA	5.000			1,470,746		343,409	
BI6439	GNMA II	5.500			204,132		-	
BI6444	GNMA II	4.500			733,471		182,154	
BI6679	GNMA II	5.000			642,179		191,280	
BI6808	GNMA II	4.500			3,689,956		660,012	
BI6814	GNMA II	5.000			3,025,576		866,756	
BI6916	GNMA II	4.000			5,454,249		1,323,222	
Subtotal			•		35,064,841		9,431,463	
MBS Participation Interest (37.5225%)					13,157,205		3,538,921	



2018 EFGH, continued

18EFGH Participation Interest in the following Mortgage-Backed Securities (61.6491% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 18EFGH)

		Pass-Through			Principal Amount At	Princ	ipal Amount
Pool Number	Pool Type	Interest Rate	Interest Participation		Acquisition	Ou	tstanding
BN0005	FNMA	4.500 %	26.0429	%	\$ 1,780,150	\$	1,046,785
BN0006	FNMA	4.500	26.1354		3,398,242		1,317,507
BN0007	FNMA	4.500	25.9282		1,831,086		838,252
BN0008	FNMA	4.500	26.0567		5,305,274		2,156,651
BN2703	FNMA	4.500	28.3402		1,632,556		839,709
BN2704	FNMA	4.500	28.2477		5,479,448		1,459,027
BN2705	FNMA	4.500	28.3949		5,171,051		1,916,896
BN2706	FNMA	4.500	28.6269		5,773,544		1,347,278
BN2707	FNMA	4.500	28.4498		3,936,068		563,649
Subtotal					34,307,418		11,485,755
MBS Participa	ation Interest (6	61.6491%)			21,150,214		7,080,865
2018 EFGH T	otal				\$ 145,176,603	\$	49,107,607



2019 ABCD

		Pass-Through	Prir	ncipal Amount At	Principal Amount
Pool Number	Pool Type	Interest Rate		Acquisition	 Outstanding
B32380	FHLMC	5.000 %	\$	133,578	\$ -
B32409	FHLMC	5.000		167,768	-
B32429	FHLMC	5.000		633,910	263,219
B32430	FHLMC	5.500		120,678	-
B32431	FHLMC	4.500		166,861	-
B32457	FHLMC	5.000		439,982	276,685
B32478	FHLMC	5.000		461,486	34,226
Q60966	FHLMC	4.500		1,434,087	512,109
Q61626	FHLMC	4.500		1,868,626	588,348
Q62157	FHLMC	4.500		1,082,490	-
BK0999	FNMA	4.000		742,290	522,594
BN0266	FNMA	4.500		514,281	184,022
BN1827	FNMA	4.500		588,005	179,199
BN2696	FNMA	4.500		581,292	393,612
BN2697	FNMA	4.500		432,672	78,960
BN2698	FNMA	4.500		298,817	50,515
BN3053	FNMA	4.500		3,788,834	1,842,075
BN3054	FNMA	5.000		1,619,709	431,387
BN3055	FNMA	4.500		170,906	-
BN3058	FNMA	4.500		1,206,008	505,187
BN3060	FNMA	5.000		199,234	-
BN3595	FNMA	4.500		493,748	143,118



2019 ABCD, continued

	Pass-Through	Principal Amount At	Principal Amount
Pool Number Pool Typ	oe Interest Rate	Acquisition	Outstanding
BN4198 FNMA	4.500 %	\$ 559,929	\$ 234,956
BN4200 FNMA	5.000	465,131	-
BN4201 FNMA	5.000	398,151	-
BN4973 FNMA	5.500	183,545	-
BN4974 FNMA	4.500	552,714	507,102
BN4977 FNMA	4.500	407,639	176,969
BN6772 FNMA	4.500	3,442,305	1,254,289
BN6773 FNMA	4.500	1,954,207	434,844
BN6777 FNMA	5.500	226,272	-
BN7980 FNMA	4.500	511,672	-
BN8515 FNMA	5.000	279,489	254,500
BF3055 GNMA I	4.500	587,952	-
BI5941 GNMA I	4.500	250,111	142,856
BI6074 GNMA I	4.500	577,359	318,227
BI6192 GNMA I	I 4.500	422,666	75,056
BI6193 GNMA I	4.500	555,730	179,327
BI6194 GNMA I	4.500	754,141	108,182
BI6302 GNMA I	4.500	499,728	-
BI6303 GNMA I	I 4.500	691,814	207,723
BI6304 GNMA I	4.500	517,836	187,268
BI6305 GNMA I	4.500	614,940	-
BI6306 GNMA I	4.500	525,368	134,596
BI6441 GNMA I	4.500	563,518	322,984
BI6443 GNMA I	4.500	403,109	220,477
BI6675 GNMA I	4.500	577,661	191,777
BI6677 GNMA I	4.500	471,754	132,138



2019 ABCD, continued

		Pass-Through	Principal Amount At	Principal Amount
Pool Number	Pool Type	Interest Rate	Acquisition	 Outstanding
BI6678	GNMA II	4.500 %	\$ 441,433	\$ 195,588
BI6809	GNMA II	4.500	4,067,041	1,029,744
BM1600	GNMA II	5.000	329,825	186,600
728666	GNMA II	4.250	60,135	48,308
743566	GNMA II	4.250	75,740	-
728516	GNMA II	4.625	2,558,611	967,357
728614	GNMA II	4.625	324,354	75,181
728262	GNMA II	4.875	185,487	113,791
728517	GNMA II	4.875	514,979	266,950
AC9191	FNMA	4.562	51,868	-
AC6444	FNMA	5.187	157,269	65,532
Subtotal			42,906,746	14,037,579



2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities (50% of the principal payments and 0% of the interest payments paid to 19ABCD)

	Pass-	-Through	Pri	ncipal Amount At	F	Principal Amount
Pool Number Po	ool Type Inter	est Rate		Acquisition		Outstanding
728515 GN	NMA II	4.500 %	\$	1,683,220	\$	346,290
728534 GN	NMA II	4.500		717,724		311,528
728613 GN	NMA II	4.500		973,189		415,697
728261 GN	NMA II	4.625		286,413		74,001
728535 GN	II AMV	4.625		405,656		90,772
728536 GN	II AMV	4.875		138,186		53,929
728519 GN	NMA II	5.125		309,561		-
735236 GN	NMA II	5.125		23,903		-
AC9166 FN	IMA	4.562		204,243		90,043
AC9177 FN	IMA	4.562		75,177		-
735540 GN	NMA II	4.500		1,458,394		319,460
743212 GN	NMA II	4.500		113,830		94,962
747576 GN	NMA II	4.500		190,437		83,657
747684 GN	NMA II	4.500		741,626		388,631
751069 GN	NMA II	4.500		399,623		122,352
751083 GN	NMA II	4.500		471,443		257,312
735284 GN	NMA II	4.625		295,041		107,769



2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities (50% of the principal payments and 0% of the interest payments paid to 19ABCD)

		Pass-Through	Pr	incipal Amount At	Principal Amount
Pool Numbe	r Pool Type	Interest Rate		Acquisition	 Outstanding
735439	GNMA II	4.625 %	\$	244,080	\$ 93,845
747509	GNMA II	4.625		804,212	271,073
747822	GNMA II	4.625		430,039	142,341
735542	GNMA II	4.750		308,884	258,434
AD6803	FNMA	4.500		738	-
AD2660	FNMA	4.562		102,758	-
AD3417	FNMA	4.562		251,072	149,853
AD3424	FNMA	4.562		84,505	-
AD4234	FNMA	4.562		150,011	43,973
AD4246	FNMA	4.562		186,775	57,162
AD5863	FNMA	4.750		75,273	
Subtotal				11,126,015	3,773,082
MBS Particip	(50%)		5,563,007	1,886,541	



2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities (62.4775% of the principal payments and 100% of the interest payments paid to 19ABCD)

		Pass-Through		Prir	ncipal Amount At	Principal Amount	
Pool Numbe	r Pool Type	Interest Ra	ite		Acquisition	0	utstanding
BN3059	FNMA	4.500	%	\$	3,011,057	\$	946,289
BN6774	FNMA	4.500			5,494,643		1,616,456
BN6775	FNMA	5.000			1,631,285		662,078
BN6776	FNMA	5.000			2,366,006		365,719
BN7977	FNMA	4.500			2,510,326		1,370,867
BN7978	FNMA	4.500			4,831,213		903,222
BN7979	FNMA	5.000			1,470,746		343,409
BI6439	GNMA II	5.500			204,132		-
BI6444	GNMA II	4.500			733,471		182,154
BI6679	GNMA II	5.000			642,179		191,280
BI6808	GNMA II	4.500			3,689,956		660,012
BI6814	GNMA II	5.000			3,025,576		866,756
BI6916	GNMA II	4.000			5,454,249		1,323,222
Subtotal			•		35,064,841		9,431,463
MBS Participation Interest		(62.4775%)			21,907,636		5,892,542



2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities (38.3509% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 19ABCD)

		Pass-Throug	gh				Principal Amount At	Prir	ncipal Amount
Pool Number	r Pool Type	Interest Rat	:e	Interest Participation			Acquisition		Outstanding
BN0005	FNMA	4.500	%	73.9571	%	\$	1,780,150	\$	1,046,785
BN0006	FNMA	4.500		73.8646			3,398,242		1,317,507
BN0007	FNMA	4.500		74.0718			1,831,086		838,252
BN0008	FNMA	4.500		73.9433			5,305,274		2,156,651
BN2703	FNMA	4.500		71.6598			1,632,556		839,709
BN2704	FNMA	4.500		71.7523			5,479,448		1,459,027
BN2705	FNMA	4.500		71.6051			5,171,051		1,916,896
BN2706	FNMA	4.500		71.3731			5,773,544		1,347,278
BN2707	FNMA	4.500		71.5502			3,936,068		563,649
Subtotal							34,307,418		11,485,755
MBS Participation Interest (38.3509%)							13,157,203		4,404,890



2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities (81.2333% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 19ABCD)

		Pass-Throug	gh			Principal Amount At	Pri	ncipal Amount
Pool Number	Pool Type	Interest Rat	e	Interest Participation		 Acquisition		Outstanding
Q63202	FHLMC	5.000	%	25.9163	%	\$ 999,220	\$	368,102
BN3056	FNMA	5.000		23.5406		199,272		183,668
BN4976	FNMA	4.500		26.2779		472,983		160,968
BN4978	FNMA	5.000		24.9371		301,296		-
BN8514	FNMA	4.500		24.3146		506,779		-
BN8517	FNMA	4.500		24.5941		3,208,270		978,888
BN8518	FNMA	4.500		24.5641		193,770		-
BN9777	FNMA	4.500		28.0301		3,866,449		1,458,274
BN9778	FNMA	4.500		28.0859		4,476,785		890,697
BN9779	FNMA	5.000		26.4402		2,065,363		697,325
BN9780	FNMA	5.000		26.1853		2,873,237		963,891
BF3054	GNMA II	4.000		30.5392		608,816		494,420
BI6072	GNMA II	4.000		30.5392		732,396		245,283
BI6189	GNMA II	4.000		30.5392		294,896		114,604
BI6301	GNMA II	4.000		30.5392		615,954		-
BI6433	GNMA II	4.000		30.5392		111,135		-
BI6436	GNMA II	4.500		28.1138		7,475,930		1,721,468
BI6634	GNMA II	4.000		30.5392		139,898		-
BI6671	GNMA II	4.500		28.0691		5,451,323		1,057,000
BI6674	GNMA II	4.000		30.5392		405,411		228,977
BI6676	GNMA II	4.500		27.8148		490,345		-



2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities (81.2333% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 19ABCD)

		Pass-Through	gh			ı	Principal Amount At	Pr	incipal Amount
Pool Number	Pool Type	Interest Rat	te	Interest Participation			Acquisition		Outstanding
BI6807	GNMA II	4.000	%	30.5392	%	\$	2,181,367	\$	456,749
BI6810	GNMA II	4.500		28.5976			3,661,437		165,064
BM1602	GNMA II	4.000		30.5392			622,567		221,186
BM1804	GNMA II	4.000		30.8729			3,915,099		982,714
BM1805	GNMA II	4.000		30.6652			4,103,922		1,755,105
Subtotal							49,973,919		13,144,384
MBS Particip	ation Interest	(81.2333%)					40,595,464		10,677,617



2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities (27.5% of the principal payments and 0% of the interest payments paid to 19ABCD)

		Pass-Through		Pri	incipal Amount At	Principal Amount		
Pool Number Pool Type		Interest Ra	ate		Acquisition	Outstanding		
BM1901	GNMA II	4.500	%	\$	358,838	\$	157,064	
BM2252	GNMA II	4.000			568,544		148,559	
BM2255	GNMA II	4.000			525,577		-	
BM2402	GNMA II	3.500			5,258,785		2,920,120	
BM2403	GNMA II	3.500			5,777,875		2,621,230	
BM2404	GNMA II	4.000			8,058,509		3,360,039	
BM2406	GNMA II	4.000			6,307,005		2,877,809	
BM2407	GNMA II	4.000			7,248,350		1,889,183	
Subtotal			•		34,103,484	'	13,974,003	
MBS Particip	oation Interest	(27.5%)			9,378,458		3,842,851	



2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities (62.4619% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 19ABCD)

		Pass-Throug	gh			Principal Amount At	Pr	incipal Amount
Pool Numbe	r Pool Type	Interest Rat	e	Interest Participation		 Acquisition		Outstanding
Q63201	FHLMC	4.500	%	28.1474	%	\$ 1,161,915	\$	426,755
BI6680	GNMA II	5.000		26.5796		564,113		120,563
BI6811	GNMA II	4.500		28.7724		3,992,543		1,151,766
BI6812	GNMA II	4.500		28.2884		3,942,559		226,351
BI6813	GNMA II	5.000		26.6498		2,007,030		588,289
BI6815	GNMA II	4.500		28.2487		371,852		-
BI6816	GNMA II	4.500		28.2487		535,275		193,959
BI6817	GNMA II	4.500		27.5598		417,200		136,343
BI6818	GNMA II	4.500		27.5598		205,661		190,601
BI6917	GNMA II	4.500		29.1344		2,858,595		691,385
BM1599	GNMA II	4.500		28.9256		4,661,002		1,373,227
BM1603	GNMA II	4.500		29.7355		369,314		187,419
BM1808	GNMA II	4.500		29.0745		3,373,143		228,292
Subtotal						24,460,202		5,514,951
MBS Particip	ation Interest	(62.4619%)				15,278,307		3,444,743



2019 ABCD, continued

19ABCD Participation Interest in the following Mortgage-Backed Securities (36.9565% of the principal payments and 0% of the interest payments paid to 19ABCD)

		Pass-Through		Prin	cipal Amount At	Principal Amount		
Pool Number	Pool Type	Interest Ra	ite		Acquisition	C	outstanding	
BP7179	GNMA II	3.500	%	\$	501,954	\$	155,282	
BP7183	GNMA II	3.500			501,410		247,070	
BP7762	GNMA II	3.000			3,707,053		2,184,679	
BP7764	GNMA II	3.000			4,717,510		1,132,340	
BP7891	GNMA II	3.000			5,185,709		2,570,359	
BP7892	GNMA II	3.000			5,222,881		2,952,076	
BP7896	GNMA II	3.000			5,006,649		2,652,647	
Subtotal			,		24,843,167		11,894,452	
MBS Participa	ation Interest	(36 0565%)			9,181,165		4,395,773	
WIDO FAITICIPE		(30.330378)			3,101,103		4,393,773	
2019 ABCD Total			,	\$	157,967,986	\$	48,582,537	



2019 EFGH

		Pass-Throu	ıgh	Pr	incipal Amount At		Principal Amount	
Pool Numbe	r Pool Type	Interest Ra	ate		Acquisition	Outstanding		
QA1910	FHLMC	4.000	%	\$	303,133	\$	277,572	
QA2735	FHLMC	4.000			1,968,857		897,564	
BN3047	FNMA	4.000			74,782		-	
BO3443	FNMA	4.000			253,655		-	
BO4852	FNMA	4.000			4,430,240		2,554,453	
BM2401	GNMA II	3.500			4,182,373		1,435,272	
BP7172	GNMA II	3.500			4,363,354		1,443,071	
BP7173	GNMA II	3.500			4,263,395		1,433,043	
BP7174	GNMA II	3.500			2,828,291		1,024,922	
BM2114	GNMA II	4.000			484,043		214,816	
QA1913	FHLMC	4.500			268,895		-	
BK8969	FNMA	4.000			670,471		187,851	
BN1825	FNMA	4.500			478,100		-	
BN4975	FNMA	4.500			487,241		128,535	
BN6958	FNMA	5.000			679,474		173,864	
BN8521	FNMA	5.500			315,053		60,114	
BN9782	FNMA	4.500			528,919		292,349	
BO0886	FNMA	4.500			404,429		18,543	
BO0887	FNMA	4.500			371,825		166,935	
BO1727	FNMA	5.000			601,050		-	
BO4858	FNMA	4.000			381,454		154,422	
BO4859	FNMA	4.000			304,880		40,088	
BO6569	FNMA	3.000			2,211,197		2,006,897	
BO6571	FNMA	3.500			2,358,562		1,504,634	
BO7189	FNMA	4.000			1,971,556		605,095	
BM1810	GNMA II	4.000			422,609		-	
BM2408	GNMA II	3.500			514,529		254,333	
BP7484	GNMA II	3.000			1,342,876		1,050,403	
Subtotal			,		37,465,244		15,924,774	



2019 EFGH, continued

19EFGH Participation Interest in the following Mortgage-Backed Securities (72.5% of the principal payments and 100% of the interest payments paid to 19EFGH)

		Pass-Through		Pri	incipal Amount At	Principal Amount		
Pool Numbe	r Pool Type	Interest Ra	ate		Acquisition	 Outstanding		
BM1901	GNMA II	4.500	%	\$	358,838	\$ 157,064		
BM2252	GNMA II	4.000			568,544	148,559		
BM2255	GNMA II	4.000			525,577	-		
BM2402	GNMA II	3.500			5,258,785	2,920,120		
BM2403	GNMA II	3.500			5,777,875	2,621,230		
BM2404	GNMA II	4.000			8,058,509	3,360,039		
BM2406	GNMA II	4.000			6,307,005	2,877,809		
BM2407	GNMA II	4.000			7,248,350	 1,889,183		
Subtotal			·		34,103,484	 13,974,003		
MBS Particip	(72.5%)			24,725,026	10,131,152			



2019 EFGH, continued

19EFGH Participation Interest in the following Mortgage-Backed Securities (18.7667% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 19EFGH)

		Pass-Throug	h			Principal Amount At	Pr	incipal Amount
Pool Number	Pool Type	Interest Rate	e	Interest Participation		 Acquisition		Outstanding
Q63202	FHLMC	5.000	%	74.0837	%	\$ 999,220	\$	368,102
BN3056	FNMA	5.000		76.4594		199,272		183,668
BN4976	FNMA	4.500		73.7221		472,983		160,968
BN4978	FNMA	5.000		75.0629		301,296		-
BN8514	FNMA	4.500		75.6854		506,779		-
BN8517	FNMA	4.500		75.4059		3,208,270		978,888
BN8518	FNMA	4.500		75.4359		193,770		-
BN9777	FNMA	4.500		71.9699		3,866,449		1,458,274
BN9778	FNMA	4.500		71.9141		4,476,785		890,697
BN9779	FNMA	5.000		73.5598		2,065,363		697,325
BN9780	FNMA	5.000		73.8147		2,873,237		963,891
BF3054	GNMA II	4.000		69.4608		608,816		494,420
BI6072	GNMA II	4.000		69.4608		732,396		245,283
BI6189	GNMA II	4.000		69.4608		294,896		114,604
BI6301	GNMA II	4.000		69.4608		615,954		-
BI6433	GNMA II	4.000		69.4608		111,135		-
BI6436	GNMA II	4.500		71.8862		7,475,930		1,721,468
BI6634	GNMA II	4.000		69.4608		139,898		-
BI6671	GNMA II	4.500		71.9309		5,451,323		1,057,000
BI6674	GNMA II	4.000		69.4608		405,411		228,977
BI6676	GNMA II	4.500		72.1852		490,345		-



2019 EFGH, continued

19EFGH Participation Interest in the following Mortgage-Backed Securities (18.7667% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 19EFGH)

		Pass-Throug	gh			Р	rincipal Amount At	Pri	ncipal Amount
Pool Number	r Pool Type	Interest Rat	<u>e</u>	Interest Participation			Acquisition	(Outstanding
BI6807	GNMA II	4.000	%	69.4608	%	\$	2,181,367	\$	456,749
BI6810	GNMA II	4.500		71.4024			3,661,437		165,064
BM1602	GNMA II	4.000		69.4608			622,567		221,186
BM1804	GNMA II	4.000		69.1271			3,915,099		982,714
BM1805	GNMA II	4.000		69.3348			4,103,922		1,755,105
Subtotal							49,973,919		13,144,384
MBS Particip	ation Interest	(18.7667%)					9,378,456		2,466,767



2019 EFGH, continued

19EFGH Participation Interest in the following Mortgage-Backed Securities (49.5838% of the principal payments and 100% of the interest payments paid to 19EFGH)

		Pass-Throu	ugh	Prin	cipal Amount At	Prin	cipal Amount	
Pool Number Pool Type		Interest Ra	ate		Acquisition	Outstanding		
BP7495	GNMA II	3.500	%	\$	4,930,513	\$	2,149,097	
Subtotal					4,930,513		2,149,097	
MBS Partic	ipation Interest	(49.5838%)			2,444,736		1,065,604	



2019 EFGH, continued

19EFGH Participation Interest in the following Mortgage-Backed Securities (72.5% of the principal payments and 100% of the interest payments paid to 19EFGH)

		Pass-Throu	ıgh	Princ	ipal Amount At	Principal Amount				
Pool Number Pool Type		Interest Ra	ate		Acquisition	Outstanding				
BP7169	GNMA II	3.000	%	\$	658,663	\$	316,940			
BM2112	GNMA II	4.000			543,398		-			
BM2405	GNMA II	4.000			7,687,885		1,634,403			
Subtotal			,		8,889,945		1,951,343			
MBS Participation Interest (72.5%)					6,445,210	1,414,72				



2019 EFGH, continued

19EFGH Participation Interest in the following Mortgage-Backed Securities (86.2495% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 19EFGH)

	Pass-Through				Principal Amount At	Pi	rincipal Amount
Pool Number Pool Type	Interest Rate		Interest Participation		 Acquisition		Outstanding
BO3438 FNMA	4.000	%	44.2282	%	\$ 5,664,748	\$	2,662,310
BO4853 FNMA	4.000		45.1211		6,876,128		3,253,784
BO5818 FNMA	3.500		53.6400		2,332,658		1,059,301
BO5819 FNMA	3.500		53.6400		4,389,795		2,708,066
BO5820 FNMA	3.500		50.2875		6,412,610		3,413,616
BO6570 FNMA	3.500		48.7636		4,778,189		3,622,563
BO6573 FNMA	3.500		46.8444		4,103,832		2,092,212
BP7170 GNMA II	3.500		47.3294		5,227,704		1,889,194
BP7171 GNMA II	3.500		45.9771		6,595,450		2,387,489
BP7175 GNMA II	3.500		45.9771		5,206,743		2,335,623
BP7176 GNMA II	3.500		48.1912		3,997,499		932,675
BP7177 GNMA II	4.000		45.9771		4,343,608		1,460,445
BP7485 GNMA II	3.000		57.4714		5,057,993		1,819,238
BP7486 GNMA II	3.000		55.4897		4,400,764		2,496,104
BP7487 GNMA II	3.000		55.4897		4,973,008		2,196,234
BP7488 GNMA II	3.000		53.6400		3,927,097		1,663,612
BP7489 GNMA II	3.000		53.6400		5,716,791		3,000,029
BP7490 GNMA II	3.000		53.6400		5,205,605		2,345,569
BP7611 GNMA II	3.000		59.7771		4,867,043		2,537,814
BP7612 GNMA II	3.000		57.4714		5,798,572		2,490,063
BP7613 GNMA II	3.000		55.4897		3,903,197		1,215,667
BP7614 GNMA II	3.000		55.4897		3,266,064		1,959,376
BP7615 GNMA II	3.000		55.4897		4,927,016		1,590,930
BP7616 GNMA II	3.000		53.6400		3,494,434		1,757,904
BP7617 GNMA II	3.000		53.6400		3,654,935		1,016,981
Subtotal					 119,121,483		53,906,800
MBS Participation Interest	: (86.2495%)				102,741,684		46,494,345



2019 EFGH, continued

19EFGH Participation Interest in the following Mortgage-Backed Securities (36.9565% of the principal payments and 0% of the interest payments paid to 19EFGH)

		Pass-Throu	gh	Prin	cipal Amount At		Principal Amount
Pool Number Pool	Туре	Interest Ra	te		Acquisition	<u></u>	Outstanding
BM1902 GN	IMA II	4.500	%	\$	452,667	\$	149,383
BM2412 GN	IMA II	4.000			721,899		659,192
BM2415 GN	IMA II	4.000			590,441		365,243
BM2416 GN	IMA II	4.000			677,719		-
BP7491 GN	IMA II	3.500			3,130,718		1,450,993
BP7494 GN	IMA II	3.500			5,088,851		2,579,354
BP7618 GN	IMA II	3.500			6,022,494		2,486,380
BP7765 GN	IMA II	3.500			4,652,140		1,707,507
BP7893 GN	IMA II	3.000			5,508,820		2,945,332
BP7894 GN	IMA II	3.000			4,313,430		1,549,965
BP7895 GN	IMA II	3.000			5,138,194		2,475,093
BP7897 GN	IMA II	3.000			5,134,485		2,316,786
BP7898 GN	IMA II	3.500			2,890,030		1,072,725
Subtotal			-		44,321,888		19,757,953
MBS Participation Interest (36.9565%)					16,379,819		7,301,848
2019 EFGH Total			-	\$	199,580,174	\$	84,799,214



2020 ABC

		Pass-Throu	ıgh	Pri	ncipal Amount At	Principal Amount		
Pool Number	Pool Type	Interest Ra	ite		Acquisition	 Outstanding		
QA4553 QA4556	FHLMC FHLMC	3.000 3.500	%	\$	633,422 107,459	\$ 418,793		
QA5422	FHLMC	4.000			131,301	121,144		
BO6578	FNMA	3.500			495,306	452,562		
BO6581	FNMA	4.000			684,198	393,545		
BO7188	FNMA	3.500			188,617	174,177		
BO7190	FNMA	4.500			766,677	369,317		
BO7192	FNMA	3.500			630,385	412,327		
BO7194	FNMA	4.500			188,180	175,367		
BO7195	FNMA	4.000			270,285	-		
BO7197	FNMA	4.000			123,106	111,120		
BO7199	FNMA	3.500			755,886	564,462		
BO7200	FNMA	4.500			188,276	175,416		
BO8213	FNMA	3.000			136,790	-		
BO8216	FNMA	3.000			289,469	264,607		
BO8219	FNMA	3.500			242,335	223,769		
BO8220	FNMA	4.000			704,363	454,372		
BO8221	FNMA	4.500			247,421	-		
BO8225	FNMA	3.500			354,427	322,359		



2020 ABC, continued

		Pass-Throu	ıgh	Pri	ncipal Amount At	Principal Amount
Pool Number	Pool Type	Interest Ra	ite		Acquisition	 Outstanding
BO9956 BO9958	FNMA FNMA	3.000 3.500	%	\$	464,246 353,367	\$ -
BO9959	FNMA	4.000			648,706	385,670
BP0746	FNMA	4.000			227,468	-
BP0834	FNMA	4.000			191,778	177,225
BM2409	GNMA II	3.500			556,972	-
BP7180	GNMA II	3.500			553,495	504,602
BP7181	GNMA II	3.500			572,191	176,812
BP7496	GNMA II	3.000			636,289	248,022
BP7497	GNMA II	3.000			497,257	160,163
BP7499	GNMA II	3.500			858,793	191,218
BP7621 BP7756	GNMA II GNMA II	3.000 2.500			687,393 276,590	231,543 249,361
BP7757	GNMA II	3.000			2,215,262	1,079,936
BP7758	GNMA II	3.000			5,362,018	2,998,728
BP7760	GNMA II	3.000			4,835,832	2,073,774
BP7761	GNMA II	3.000			3,755,922	1,226,060
BP7763	GNMA II	3.000			4,437,125	2,829,541
BP7890	GNMA II	2.500			161,721	145,752
Subtotal			•		34,430,329	17,311,744



2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities (63.0435% of the principal payments and 100% of the interest payments paid to 20ABC)

		Pass-Through		Pr	incipal Amount At	Principal Amount			
Pool Number	Pool Type	Interest Ra	ite		Acquisition	Outstanding			
BP7179	GNMA II	3.500	%	\$	501,954	\$	155,282		
BP7183	GNMA II	3.500			501,410		247,070		
BP7762	GNMA II	3.000			3,707,053		2,184,679		
BP7764	GNMA II	3.000			4,717,510		1,132,340		
BP7891	GNMA II	3.000			5,185,709		2,570,359		
BP7892	GNMA II	3.000			5,222,881		2,952,076		
BP7896	GNMA II	3.000			5,006,649		2,652,647		
Subtotal			•		24,843,167		11,894,452		
MBS Particip	ation Interest	(63.0435%)			15,662,002		7,498,679		



2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities (37.5381% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 20ABC)

		Pass-Throug	gh				Principal Amount At	Pr	incipal Amount
Pool Numbe	r Pool Type	Interest Rat	е	Interest Participation			Acquisition		Outstanding
Q63201	FHLMC	4.500	%	71.8526	%	\$	1,161,915	\$	426,755
BI6680	GNMA II	5.000		73.4204			564,113		120,563
BI6811	GNMA II	4.500		71.2276			3,992,543		1,151,766
BI6812	GNMA II	4.500		71.7116			3,942,559		226,351
BI6813	GNMA II	5.000		73.3502			2,007,030		588,289
BI6815	GNMA II	4.500		71.7513			371,852		-
BI6816	GNMA II	4.500		71.7513			535,275		193,959
BI6817	GNMA II	4.500		72.4402			417,200		136,343
BI6818	GNMA II	4.500		72.4402			205,661		190,601
BI6917	GNMA II	4.500		70.8656			2,858,595		691,385
BM1599	GNMA II	4.500		71.0744			4,661,002		1,373,227
BM1603	GNMA II	4.500		70.2645			369,314		187,419
BM1808	GNMA II	4.500		70.9255			3,373,143		228,292
Subtotal							24,460,202		5,514,951
MBS Participation Interest (37.5381%)					9,181,895		2,070,208		



2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities (63.0435% of the principal payments and 100% of the interest payments paid to 20ABC)

		Pass-Through			incipal Amount At	Р	Principal Amount		
Pool Number	Pool Type	Interest Ra	ate		Acquisition		Outstanding		
BM1902	GNMA II	4.500	%	\$	452,667	\$	149,383		
BM2412	GNMA II	4.000			721,899		659,192		
BM2415	GNMA II	4.000			590,441		365,243		
BM2416	GNMA II	4.000			677,719		-		
BP7491	GNMA II	3.500			3,130,718		1,450,993		
BP7494	GNMA II	3.500			5,088,851		2,579,354		
BP7618	GNMA II	3.500			6,022,494		2,486,380		
BP7765	GNMA II	3.500			4,652,140		1,707,507		
BP7893	GNMA II	3.000			5,508,820		2,945,332		
BP7894	GNMA II	3.000			4,313,430		1,549,965		
BP7895	GNMA II	3.000			5,138,194		2,475,093		
BP7897	GNMA II	3.000			5,134,485		2,316,786		
BP7898	GNMA II	3.500			2,890,030		1,072,725		
Subtotal			•		44,321,888		19,757,953		
MBS Participation Interest (63.0435%)					27,942,070		12,456,105		



2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities (13.7505% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 20ABC)

		Pass-Throug	jh			Principal Amount	At	Pri	ncipal Amount
Pool Number	Pool Type	Interest Rat	Э	Interest Participation		 Acquisition			Outstanding
BO3438	FNMA	4.000	%	55.7718	%	\$ 5,664	,748	\$	2,662,310
BO4853	FNMA	4.000		54.8789		6,876	,128		3,253,784
BO5818	FNMA	3.500		46.3600		2,332	,658		1,059,301
BO5819	FNMA	3.500		46.3600		4,389	,795		2,708,066
BO5820	FNMA	3.500		49.7125		6,412	,610		3,413,616
BO6570	FNMA	3.500		51.2364		4,778	,189		3,622,563
BO6573	FNMA	3.500		53.1556		4,103	,832		2,092,212
BP7170	GNMA II	3.500		52.6706		5,227	,704		1,889,194
BP7171	GNMA II	3.500		54.0229		6,595	,450		2,387,489
BP7175	GNMA II	3.500		54.0229		5,206	,743		2,335,623
BP7176	GNMA II	3.500		51.8088		3,997	,499		932,675
BP7177	GNMA II	4.000		54.0229		4,343	,608		1,460,445
BP7485	GNMA II	3.000		42.5286		5,057	,993		1,819,238
BP7486	GNMA II	3.000		44.5103		4,400	,764		2,496,104
BP7487	GNMA II	3.000		44.5103		4,973	,008		2,196,234
BP7488	GNMA II	3.000		46.3600		3,927	,097		1,663,612
BP7489	GNMA II	3.000		46.3600		5,716	,791		3,000,029
BP7490	GNMA II	3.000		46.3600		5,205	,605		2,345,569



2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities (13.7505% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 20ABC)

		Pass-Through	h				Principal Amount At	Pi	rincipal Amount
Pool Number	Pool Type	Interest Rate)	Interest Participation			Acquisition	-	Outstanding
BP7611	GNMA II	3.000	%	40.2229	%	\$	4,867,043	\$	2,537,814
BP7612	GNMA II	3.000		42.5286			5,798,572		2,490,063
BP7613	GNMA II	3.000		44.5103			3,903,197		1,215,667
BP7614	GNMA II	3.000		44.5103			3,266,064		1,959,376
BP7615	GNMA II	3.000		44.5103			4,927,016		1,590,930
BP7616	GNMA II	3.000		46.3600			3,494,434		1,757,904
BP7617	GNMA II	3.000		46.3600			3,654,935		1,016,981
Subtotal							119,121,483		53,906,800
MBS Participation Interest (13.7505%)							16,379,800		7,412,455



2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities (63.25% of the principal payments and 29.5639% of the interest payments paid to 20ABC)

		Pass-Throu	ıgh	Pri	Prin	cipal Amount		
Pool Number Pool Type		Interest Ra	ate		Acquisition	Outstanding		
BO9957	FNMA	3.500	%	\$	4,503,362	\$	2,662,811	
Subtotal			•		4,503,362		2,662,811	
MBS Participa	ation Interest	(63.25%)			2,848,376		1,684,228	



2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities (16.0775% of the principal payments and 0% of the interest payments paid to 20ABC)

		Pass-Throu	ugh	Pr	incipal Amount At	Principal Amount			
Pool Number	Pool Type	Interest Ra	ate		Acquisition		Outstanding		
QA7125	FHLMC	3.500	%	\$	440,286	\$	254,447		
BN8532	FNMA	5.000			417,062		184,160		
BO7198	FNMA	3.500			403,835		210,807		
BP2646	FNMA	3.000			3,370,424		2,197,048		
BP2649	FNMA	3.000			373,213		340,284		
BP7905	GNMA II	3.500			598,031		397,332		
BT3746	GNMA II	3.000			4,639,013		2,677,936		
Subtotal			•		10,241,864		6,262,014		
MBS Participation Interest (16.0775%)					1,646,636		1,006,775		



2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities (81.5217% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 20ABC)

		Pass-Throug	ıh			Principal Amount At	Pri	ncipal Amount
Pool Number	Pool Type	Interest Rate	Э	Interest Participation		 Acquisition	(Outstanding
QA5417	FHLMC	3.000	%	32.0612	%	\$ 4,963,964	\$	3,278,560
QA5421	FHLMC	3.500		29.5785		1,792,071		1,196,172
QA6206	FHLMC	3.000		31.8732		3,016,809		1,868,737
QA6207	FHLMC	3.000		31.6621		5,416,920		2,731,003
QA6255	FHLMC	3.500		29.3678		2,592,170		1,436,871
QA6257	FHLMC	3.000		31.8817		558,144		509,137
QA7122	FHLMC	3.000		31.7800		5,970,011		3,908,567
QA7123	FHLMC	3.500		28.9833		2,382,287		915,288
BO7193	FNMA	4.000		24.5546		1,436,109		560,782
BO7196	FNMA	3.500		26.2992		1,754,125		893,763
BO8214	FNMA	3.000		32.9810		5,099,585		3,411,780
BO8215	FNMA	3.000		31.6286		4,881,636		3,349,756
BO8217	FNMA	3.500		29.8891		2,190,509		1,463,401
BO8218	FNMA	3.500		28.4184		3,141,809		2,066,863
BO8222	FNMA	3.000		32.8181		510,984		466,972
BO9953	FNMA	3.000		32.9810		4,070,385		2,869,658
BO9954	FNMA	3.000		31.8817		4,769,335		3,208,420
BO9955	FNMA	3.000		31.3796		4,740,078		3,143,923
BP0831	FNMA	3.000		31.9498		5,799,743		3,773,513
BP0832	FNMA	3.000		31.7715		5,734,052		3,046,680
BP0833	FNMA	3.500		29.0750		5,294,620		2,690,575



2020 ABC, continued

20ABC Participation Interest in the following Mortgage-Backed Securities (81.5217% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 20ABC)

		Pass-Throug	gh			Principal Amount At	Pri	ncipal Amount
Pool Number	Pool Type	Interest Rat	е	Interest Participation		Acquisition	(Outstanding
BP7759	GNMA II	3.000	%	35.4241	%	\$ 5,657,679	\$	3,056,879
BP8039	GNMA II	2.500		43.4750		222,337		-
BP8040	GNMA II	3.000		36.7865		3,585,367		1,974,324
BP8041	GNMA II	3.000		35.4241		4,342,704		2,636,172
BP8042	GNMA II	3.000		35.4241		4,200,423		2,623,810
BP8043	GNMA II	3.000		35.4241		3,828,264		1,645,935
BP8044	GNMA II	3.000		35.4241		2,831,386		1,470,583
BP8045	GNMA II	3.000		34.1589		3,858,728		1,610,196
BP8046	GNMA II	3.000		33.1273		4,045,499		1,414,234
BP8047	GNMA II	3.000		32.9810		4,070,190		2,304,906
BP8048	GNMA II	3.000		32.9810		3,789,660		1,813,603
BP8049	GNMA II	3.000		32.9810		4,607,526		1,952,260
BP8050	GNMA II	3.500		31.8817		1,064,143		633,151
Subtotal						122,219,250		69,926,475
MBS Participation Interest (81.5217%)						99,635,210		57,005,251



2020 ABC, continued

20ABCParticipation Interest in the following Mortgage-Backed Securities (50.00% of the principal payments and 0% of the interest payments paid to 20ABC)

		Pass-Throu	gh	Pr	incipal Amount At	Principal Amount
Pool Number	Pool Type	Interest Ra	te		Acquisition	 Outstanding
QA9595	FHLMC	3.000	%	\$	4,903,044	\$ 3,390,337
QA9597	FHLMC	3.500			227,282.03	-
BO5830	FNMA	4.000			235,817.45	81,079
BO7204	FNMA	4.000			505,649.37	464,701
BP5073	FNMA	3.000			4,466,349.66	3,138,998
BP5074	FNMA	3.000			3,642,878.81	2,723,274
BP5075	FNMA	3.500			4,211,437.69	3,222,119
BP5076	FNMA	4.000			304,797.34	231,340
BP5077	FNMA	3.500			836,148.78	625,231
BT3754	GNMA II	3.000			630,154.64	382,591
BT3755	GNMA II	3.000			547,221.00	365,640
BT4005	GNMA II	2.750			3,701,430.53	1,646,300
BT4006	GNMA II	2.875			1,614,658.24	957,574
BT4007	GNMA II	3.000			4,109,944.07	2,763,005
BT4008	GNMA II	3.125			4,554,961.71	2,151,317
BT4009	GNMA II	3.125			5,191,723.96	2,939,910
BT4010	GNMA II	3.250			1,757,706.51	1,193,845
BT4011	GNMA II	3.375			3,272,882.19	 2,116,888
Subtotal					44,714,087	 28,394,149
MBS Participation Interest (50.00%)					22,357,044	14,197,074
2020 ABC Total			\$	230,083,361	\$ 120,642,519	



2020 DE

		Pass-Throu	gh	Pr	incipal Amount At	Principal Amount
Pool Number	Pool Type	Interest Ra	te		Acquisition	Outstanding
QA7126	FHLMC	4.000	%	\$	173,468	\$ -
QA8096	FHLMC	3.000			168,718	155,116
QA8946	FHLMC	3.000			622,514	397,285
QA8947	FHLMC	3.500			512,920	150,006
QA9596	FHLMC	3.500			2,024,808	1,150,003
QB1278	FHLMC	3.000			3,338,735	2,082,113
BO7203	FNMA	3.500			208,243	-
BO8224	FNMA	3.000			443,371	225,365
BO9961	FNMA	3.000			276,769	119,491
BP2651	FNMA	3.000			245,480	202,846
BP2653	FNMA	3.500			416,185	171,741
B06582	FNMA	4.500			262,334	-
BP8314	FNMA	3.000			5,416,989	3,632,319
BP7498	GNMA II	3.500			673,693	367,709
BP7500	GNMA II	3.500			668,089	300,181
BP7622	GNMA II	3.000			546,041	195,661
BP7903	GNMA II	3.000			765,583	341,247
BP8052	GNMA II	3.000			655,964	383,395
BP8054	GNMA II	3.000			741,798	347,286
BP8057	GNMA II	3.000			570,324	387,922
BP8096	GNMA II	3.000			417,184	176,242
BT3752	GNMA II	2.500			415,881	-
BT4012	GNMA II	3.500			3,237,850	1,431,197
BP7626	GNMA II	4.000			453,755	 -
Subtotal					23,256,697	12,217,124



2020 DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities (50.00% of the principal payments and 100% of the interest payments paid to 20DE)

		Pass-Throu	ıgh	Pr	incipal Amount At	Prin	cipal Amount
Pool Number	Pool Type	Interest Ra	ite		Acquisition	C	utstanding
QA9595	FHLMC	3.000	%	\$	4,903,044	\$	3,390,337
QA9597	FHLMC	3.500			227,282.03		-
BO5830	FNMA	4.000			235,817.45		81,079
BO7204	FNMA	4.000			505,649.37		464,701
BP5073	FNMA	3.000			4,466,349.66		3,138,998
BP5074	FNMA	3.000			3,642,878.81		2,723,274
BP5075	FNMA	3.500			4,211,437.69		3,222,119
BP5076	FNMA	4.000			304,797.34		231,340
BP5077	FNMA	3.500			836,148.78		625,231
BT3754	GNMA II	3.000			630,154.64		382,591
BT3755	GNMA II	3.000			547,221.00		365,640
BT4005	GNMA II	2.750			3,701,430.53		1,646,300
BT4006	GNMA II	2.875			1,614,658.24		957,574
BT4007	GNMA II	3.000			4,109,944.07		2,763,005
BT4008	GNMA II	3.125			4,554,961.71		2,151,317
BT4009	GNMA II	3.125			5,191,723.96		2,939,910
BT4010	GNMA II	3.250			1,757,706.51		1,193,845
BT4011	GNMA II	3.375			3,272,882.19		2,116,888
Subtotal			•		44,714,087		28,394,149
MBS Participa	ation Interest	(50.00%)			22,357,044		14,197,074



2020 DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities (18.4783% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 20DE)

		Pass-Throug	gh			Principal Amount At	Pri	ncipal Amount
Pool Number	Pool Type	Interest Rat	<u>e</u>	Interest Participation		 Acquisition		Outstanding
QA5417	FHLMC	3.000	%	67.9388	%	\$, ,	\$	3,278,560
QA5421	FHLMC	3.500		70.4215		1,792,071		1,196,172
QA6206	FHLMC	3.000		68.1268		3,016,809		1,868,737
QA6207	FHLMC	3.000		68.3379		5,416,920		2,731,003
QA6255	FHLMC	3.500		70.6322		2,592,170		1,436,871
QA6257	FHLMC	3.000		68.1183		558,144		509,137
QA7122	FHLMC	3.000		68.2200		5,970,011		3,908,567
QA7123	FHLMC	3.500		71.0167		2,382,287		915,288
BO7193	FNMA	4.000		75.4454		1,436,109		560,782
BO7196	FNMA	3.500		73.7008		1,754,125		893,763
BO8214	FNMA	3.000		67.0190		5,099,585		3,411,780
BO8215	FNMA	3.000		68.3714		4,881,636		3,349,756
BO8217	FNMA	3.500		70.1109		2,190,509		1,463,401
BO8218	FNMA	3.500		71.5816		3,141,809		2,066,863
BO8222	FNMA	3.000		67.1819		510,984		466,972
BO9953	FNMA	3.000		67.0190		4,070,385		2,869,658
BO9954	FNMA	3.000		68.1183		4,769,335		3,208,420
BO9955	FNMA	3.000		68.6204		4,740,078		3,143,923
BP0831	FNMA	3.000		68.0502		5,799,743		3,773,513
BP0832	FNMA	3.000		68.2285		5,734,052		3,046,680
BP0833	FNMA	3.500		70.9250		5,294,620		2,690,575



2020 DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities (18.4783% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 20DE)

		Pass-Throu	gh			Principal Amount At	Pri	ncipal Amount
Pool Number	Pool Type	Interest Ra	te	Interest Participation		 Acquisition		Outstanding
BP7759	GNMA II	3.000	%	64.5759	%	\$ 5,657,679	\$	3,056,879
BP8039	GNMA II	2.500		56.5250		222,337		-
BP8040	GNMA II	3.000		63.2135		3,585,367		1,974,324
BP8041	GNMA II	3.000		64.5759		4,342,704		2,636,172
BP8042	GNMA II	3.000		64.5759		4,200,423		2,623,810
BP8043	GNMA II	3.000		64.5759		3,828,264		1,645,935
BP8044	GNMA II	3.000		64.5759		2,831,386		1,470,583
BP8045	GNMA II	3.000		65.8411		3,858,728		1,610,196
BP8046	GNMA II	3.000		66.8727		4,045,499		1,414,234
BP8047	GNMA II	3.000		67.0190		4,070,190		2,304,906
BP8048	GNMA II	3.000		67.0190		3,789,660		1,813,603
BP8049	GNMA II	3.000		67.0190		4,607,526		1,952,260
BP8050	GNMA II	3.500		68.1183		1,064,143		633,151
Subtotal						122,219,250		69,926,475
MBS Participa	ation Interest	(18.4783%)				22,584,040		12,921,224



2020 DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities (75.0121% of the principal payments and 0% of the interest payments paid to 20DE)

		Pass-Throu	ıgh	Pr	incipal Amount At	Principal Amount	
Pool Number	Pool Type	Interest Ra	ite		Acquisition	 Outstanding	
QA9599	FHLMC	3.500	%	\$	415,469	\$ 385,752	
QB0466	FHLMC	3.000			3,590,810	2,423,767	
QB0467	FHLMC	3.500			1,488,966	1,230,932	
QB0468	FHLMC	3.000			255,460	236,125	
QB0469	FHLMC	3.500			624,060	352,073	
BO7205	FNMA	3.500			419,533	204,063	
BP2652	FNMA	3.500			422,773	294,748	
BP5079	FNMA	3.000			517,180	477,459	
BP5080	FNMA	3.500			364,941	280,072	
BP6132	FNMA	3.000			3,207,075	2,514,976	
BP6133	FNMA	3.000			4,295,002	3,441,931	
BP6134	FNMA	3.000			2,956,020	2,295,805	
BP6135	FNMA	3.500			3,046,163	2,417,393	
BP6136	FNMA	3.500			3,345,900	1,957,558	
BP6137	FNMA	3.000			682,222	254,135	
BP6138	FNMA	3.500			394,900	180,972	
BM2411	GNMA II	4.000			160,397	148,921	
BP7501	GNMA II	3.500			928,756	640,708	
BT3757	GNMA II	3.000			589,446	337,143	



2020 DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities (75.0121% of the principal payments and 0% of the interest payments paid to 20DE)

		Pass-Through		Pri	incipal Amount At	P	Principal Amount	
Pool Number	Pool Type	Interest Ra	ate		Acquisition		Outstanding	
BT4013	GNMA II	3.625	%	\$	1,755,282	\$	958,650	
BT4014	GNMA II	2.500			505,376		293,428	
BT4130	GNMA II	2.750			991,620		460,642	
BT4131	GNMA II	2.875			642,556		252,693	
BT4132	GNMA II	3.000			415,247		381,804	
BT4133	GNMA II	3.125			5,087,041		2,728,006	
BT4134	GNMA II	3.125			3,917,549		1,804,269	
BT4135	GNMA II	3.125			4,782,777		3,014,900	
BT4136	GNMA II	3.250			5,120,449		3,084,464	
BT4137	GNMA II	3.375			5,803,893		3,529,777	
BT4138	GNMA II	3.500			4,906,570		2,897,849	
BT4264	GNMA II	3.500			4,258,342		1,883,473	
Subtotal			•		65,891,776		41,364,490	
MBS Participation Interest (75.0121%)					49,426,805		31,028,373	



2020 DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities (50.00% of the principal payments and 0% of the interest payments paid to 20DE)

		Pass-Through		Principal Amount At		F	Principal Amount	
Pool Number	Pool Type	Interest Ra	ite		Acquisition		Outstanding	
QB2866	FHLMC	3.500	%	\$	2,018,211	\$	1,188,942	
QB3599	FHLMC	3.500			2,631,029		2,041,715	
BQ1757	FNMA	3.500			7,731,958		6,231,417	
BQ1758	FNMA	3.500			1,811,749		1,317,253	
BQ1832	FNMA	3.500			4,237,037		2,865,893	
BQ1833	FNMA	3.500			6,402,583		5,312,454	
BQ1834	FNMA	3.500			1,466,440		1,107,561	
BQ1835	FNMA	3.500			345,263		318,453	
BP8055	GNMA II	3.500			909,730		631,501	
BT3756	GNMA II	3.500			644,319		246,834	
BT4388	GNMA II	3.500			742,128		481,128	
BT4567	GNMA II	3.500			3,348,891		2,008,808	
BT4579	GNMA II	3.500			640,631		590,041	
Subtotal			•		32,929,970		24,341,999	
MBS Participation Interest (50.00%)				16,464,985		12,171,000		



2020 DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities (66.6567% of the principal payments and 0% of the interest payments paid to 20DE)

		Pass-Throu	Pass-Through		Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	te		Acquisition		Outstanding	
QB1279	FHLMC	3.500	%	\$	1,214,199	\$	1,123,502	
QB1280	FHLMC	3.000			339,435		314,514	
BO5832	FNMA	4.000			363,108		339,880	
BP6139	FNMA	3.000			454,059		395,906	
BP6140	FNMA	3.500			450,054		209,000	
BP8254	FNMA	3.000			393,261		218,244	
BP8312	FNMA	2.500			148,973		137,593	
BP8313	FNMA	3.000			4,822,460		3,821,647	
BP8316	FNMA	3.500			1,333,176		1,003,470	
BP7770	GNMA II	3.500			677,836		629,723	
BP8058	GNMA II	3.000			667,184		159,290	
BT4016	GNMA II	3.000			631,648		585,003	
BT4017	GNMA II	3.000			655,705		603,825	
BT4265	GNMA II	2.750			252,200		-	
BT4266	GNMA II	3.000			552,089		505,825	
BT4267	GNMA II	3.125			839,347		-	
BT4269	GNMA II	3.250			466,689		433,432	
BT4270	GNMA II	3.500	_		561,193		162,667	
			•		14,822,617	<u> </u>	10,643,521	
MBS Participation Interest (66.6567%)				9,880,267		7,094,620		



20DE, continued

20DE Participation Interest in the following Mortgage-Backed Securities (66.6567% of the principal payments and 0% of the interest payments paid to 20DE)

		Pass-Through	Prin	cipal Amount At	Prin	ncipal Amount
Pool Number	Pool Type	Interest Rate		Acquisition	Outstanding	
BO8226	FNMA	4.000	\$	204,696	\$	191,512
BP1853	FNMA	3.000		448,223		186,066
BX2680	GNMA II	2.750		3,651,887		2,872,592
BX2685	GNMA II	3.125		3,109,813		2,525,031
				7,414,618		5,775,200
MBS Participation Interest 66.6567%)			4,942,340		3,849,558	
2020 DE Tota	ıl		\$	148,912,177	\$	93,478,973



2020 FG

		Pass-Through		Pri	ncipal Amount At	Pr	Principal Amount	
Pool Number Pool Type		Interest Rate			Acquisition		Outstanding	
QB3600	FHLMC	3.000	%	\$	155,918	\$	-	
QB4019	FHLMC	3.000			3,490,301		2,467,702	
BQ1831	FNMA	2.500			153,512		136,091	
BQ3567	FNMA	3.000			3,747,561		2,708,353	
BT4577	GNMA II	2.500			205,154		-	
BX2468	GNMA II	3.125			4,973,137		3,520,247	
Subtotal			•		12,725,583		8,832,393	



2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities (50.00% of the principal payments and 100% of the interest payments paid to 20FG)

		Pass-Through		Principal Amount At		P	Principal Amount	
Pool Number	Pool Type	Interest Ra	ite		Acquisition		Outstanding	
QB2866	FHLMC	3.000	%	\$	2,018,211	\$	1,188,942	
QB3599	FHLMC	3.000			2,631,029		2,041,715	
BQ1757	FNMA	3.000			7,731,958		6,231,417	
BQ1758	FNMA	3.500			1,811,749		1,317,253	
BQ1832	FNMA	3.000			4,237,037		2,865,893	
BQ1833	FNMA	3.000			6,402,583		5,312,454	
BQ1834	FNMA	3.500			1,466,440		1,107,561	
BQ1835	FNMA	3.000			345,263		318,453	
BP8055	GNMA II	3.000			909,730		631,501	
BT3756	GNMA II	3.000			644,319		246,834	
BT4388	GNMA II	3.375			742,128		481,128	
BT4567	GNMA II	3.000			3,348,891		2,008,808	
BT4579	GNMA II	3.000			640,631		590,041	
Subtotal			•		32,929,970		24,341,999	
MBS Participation Interest (50.00%)		(50.00%)			16,464,985		12,171,000	



2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities (24.9879% of the principal payments and 100% of the interest payments paid to 20FG)

		Pass-Through		Pr	Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	ite		Acquisition		Outstanding	
QA9599	FHLMC	3.500	%	\$	415,469	\$	385,752	
QB0466	FHLMC	3.000			3,590,810		2,423,767	
QB0467	FHLMC	3.500			1,488,966		1,230,932	
QB0468	FHLMC	3.000			255,460		236,125	
QB0469	FHLMC	3.500			624,060		352,073	
BO7205	FNMA	3.500			419,533		204,063	
BP2652	FNMA	3.500			422,773		294,748	
BP5079	FNMA	3.000			517,180		477,459	
BP5080	FNMA	3.500			364,941		280,072	
BP6132	FNMA	3.000			3,207,075		2,514,976	
BP6133	FNMA	3.000			4,295,002		3,441,931	
BP6134	FNMA	3.000			2,956,020		2,295,805	
BP6135	FNMA	3.500			3,046,163		2,417,393	
BP6136	FNMA	3.500			3,345,900		1,957,558	
BP6137	FNMA	3.000			682,222		254,135	
BP6138	FNMA	3.500			394,900		180,972	
BM2411	GNMA II	4.000			160,397		148,921	
BP7501	GNMA II	3.500			928,756		640,708	
BT3757	GNMA II	3.000			589,446		337,143	



2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities (24.9879% of the principal payments and 100% of the interest payments paid to 20FG)

		Pass-Through		Pr	incipal Amount At	Pr	Principal Amount	
Pool Number	Pool Type	Interest Ra	ite		Acquisition		Outstanding	
BT4013	GNMA II	3.625	%	\$	1,755,282	\$	958,650	
BT4014	GNMA II	2.500			505,376		293,428	
BT4130	GNMA II	2.750			991,620		460,642	
BT4131	GNMA II	2.875			642,556		252,693	
BT4132	GNMA II	3.000			415,247		381,804	
BT4133	GNMA II	3.125			5,087,041		2,728,006	
BT4134	GNMA II	3.125			3,917,549		1,804,269	
BT4135	GNMA II	3.125			4,782,777		3,014,900	
BT4136	GNMA II	3.250			5,120,449		3,084,464	
BT4137	GNMA II	3.375			5,803,893		3,529,777	
BT4138	GNMA II	3.500			4,906,570		2,897,849	
BT4264	GNMA II	3.500			4,258,342		1,883,473	
Subtotal			•		65,891,776		41,364,490	
MBS Participation Interest (24.9879%)				16,464,971		10,336,117		



2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities (66.6667% of the principal payments and 0% of the interest payments paid to 20FG)

		Pass-Through		Pr	Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	ate		Acquisition		Outstanding	
QB4535	FHLMC	3.000	3.000 %		4,487,966	\$	3,749,122	
QB4536	FHLMC	3.500			462,058		431,278	
BQ3566	FNMA	3.000			6,034,657		4,625,036	
BQ3568	FNMA	3.500			1,069,988		722,491	
BQ3569	FNMA	3.000			468,304		434,676	
BQ3570	FNMA	3.500			684,926		360,558	
BQ5520	FNMA	2.500			437,835		404,961	
BQ5521	FNMA	3.000			8,880,356		7,380,355	
BQ5523	FNMA	3.500			802,545		747,958	
BP8097	GNMA II	3.000			449,100		416,661	
BX2313	GNMA II	3.000			5,386,309		3,606,040	
BX2314	GNMA II	3.000			4,298,087		3,451,550	
BX2315	GNMA II	3.000			5,669,925		4,007,233	
BX2316	GNMA II	3.000			4,067,348		2,522,603	
BX2317	GNMA II	3.000			3,328,512		1,826,065	
BX2323	GNMA II	3.000			1,256,815		904,670	
BX2464	GNMA II	2.375			143,690		132,003	
BX2465	GNMA II	2.750			1,614,891		1,128,823	
BX2466	GNMA II	2.875			2,847,764		2,450,954	
BX2467	GNMA II	3.000			5,608,450		3,441,608	
					57,999,528		42,744,645	
MBS Participation Interest (66.6667%)				38,666,371		28,496,444		



2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities (66.6667% of the principal payments and 0% of the interest payments paid to 20FG)

		Pass-Through		Principal Amount At			Principal Amount	
Pool Number	Pool Type	Interest Ra	ite	Acquisition			Outstanding	
QA5426	FHLMC	3.500	%	\$	161,749	\$	150,584	
QA6256	FHLMC	3.000			298,820		277,083	
QA7124	FHLMC	3.000			558,768		516,374	
QA8097	FHLMC	3.500			647,567		-	
QB6177	FHLMC	2.500			392,800		353,936	
QB6178	FHLMC	3.000			968,137		891,157	
QB6179	FHLMC	3.000			621,570		572,586	
QB6180	FHLMC	3.500			447,399		415,659	
BP6141	FNMA	3.000			381,824		327,077	
BP8317	FNMA	3.000			424,036		168,214	
BQ7867	FNMA	2.500			5,664,762		4,424,271	
BQ7868	FNMA	3.000			5,760,255		4,376,190	
BQ7870	FNMA	3.500			159,890		149,378	
BP7900	GNMA II	3.000			415,032		382,516	
BP8056	GNMA II	3.000			777,995		496,050	
BT3753	GNMA II	3.000			405,131		126,337	
BT4271	GNMA II	3.500			675,857		628,886	
BT4389	GNMA II	3.500			870,768		808,506	
BT4393	GNMA II	3.125			855,755		793,203	



2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities (66.6667% of the principal payments and 0% of the interest payments paid to 20FG)

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount AtAcquisition		Principal Amount Outstanding	
BT4581 BX2681	GNMA II GNMA II	3.500 2.875	%	\$	831,923 863,739	\$	513,387 628,903
BX2686 BX2687	GNMA II GNMA II	3.125 3.250			1,394,298 3,475,219		1,048,092 1,794,951
BX2688	GNMA II	3.375			1,946,381		1,209,949
					28,999,674		21,053,289
MBS Participa	ation Interest	(66.6667%)			19,333,126		14,035,533



2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities (66.668% of the principal payments and 0% of the interest payments paid to 20FG)

		Pass-Through			cipal Amount At	Principal Amount	
Pool Number	Pool Type	Interest Rate		Acquisition			outstanding
BX2469	GNMA II	3.125	%	\$	4,444,987	\$	3,720,673
BX2470	GNMA II	3.125	70	Ψ	3,355,174	Ψ	3,123,993
BX2471	GNMA II	3.250			4,596,029		2,964,072
BX2472	GNMA II	3.375			3,372,194		2,567,899
BX2473	GNMA II	3.375			3,968,456		2,220,829
			•		19,736,840		14,597,466
MBS Participa	ation Interest	(66.668%)			13,158,156		9,731,839



2020 FG, continued

20FG Participation Interest in the following Mortgage-Backed Securities (66.668% of the principal payments and 0% of the interest payments paid to 20FG)

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding	
QB9286	FHLMC	3.000	%	\$	406,682	\$	251,324
QB9775	FHLMC	3.000			469,417		435,693
BX2846	GNMA II	3.000			958,587		332,470
CB2417	GNMA II	3.000			799,004		744,324
CB2727	GNMA II	3.000			5,172,677		4,331,699
CB2728	GNMA II	3.375			149,565		139,739
CB2730	GNMA II	2.500			1,041,220		965,791
CB2732	GNMA II	3.000			870,881		807,318
			•		9,868,033		8,008,358
MBS Participation Interest (66.668%)				6,580,004		5,339,012	
2020 FG Tota	al			\$	123,393,197	\$	88,942,339



2020 HI

Pool Number Pool Type		Pass-Through		Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	ate		Acquisition		Outstanding
BQ7838	FNMA	3.000	%	\$	561,037	\$	519,229
BQ7869	FNMA	3.000			1,139,259		773,535
BP7620	GNMA II	3.000			529,949		178,289
BP7901	GNMA II	3.000			556,060		369,120
Subtotal			•		2,786,305		1,840,174



20HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities (33.3433% of the principal payments and 100% of the interest payments paid to 20HI)

		Pass-Through		Pri	Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	Interest Rate		Acquisition	Outstanding		
QB1279	FHLMC	3.500	%	\$	1,214,199	\$	1,123,502	
QB1280	FHLMC	3.000			339,435		314,514	
BO5832	FNMA	4.000			363,108		339,880	
BP6139	FNMA	3.000			454,059		395,906	
BP6140	FNMA	3.500			450,054		209,000	
BP8254	FNMA	3.000			393,261		218,244	
BP8312	FNMA	2.500			148,973		137,593	
BP8313	FNMA	3.000			4,822,460		3,821,647	
BP8316	FNMA	3.000			1,333,176		1,003,470	
BP7770	GNMA II	3.500			677,836		629,723	
BP8058	GNMA II	3.000			667,184		159,290	
BT4016	GNMA II	3.000			631,648		585,003	
BT4017	GNMA II	3.000			655,705		603,825	
BT4265	GNMA II	2.750			252,200		-	
BT4266	GNMA II	3.000			552,089		505,825	
BT4267	GNMA II	3.125			839,347		-	
BT4269	GNMA II	3.250			466,689		433,432	
BT4270	GNMA II	3.500	_		561,193		162,667	
			•		14,822,617		10,643,521	
MBS Participation Interest		33.3433%)			4,942,349		3,548,901	



20HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities (33.3433% of the principal payments and 100% of the interest payments paid to 20HI)

		Pass-Through	Princ	ipal Amount At	Prin	cipal Amount
Pool Number Pool Type		Interest Rate	rest Rate Acquisition		Outstanding	
BO8226	FNMA	4.000	\$	204,696	\$	191,512
BP1853	FNMA	3.000		448,223		186,066
BX2680	GNMA II	2.750		3,651,887		2,872,592
BX2685	GNMA II	3.125		3,109,813		2,525,031
				7,414,618		5,775,200
MBS Participation Interest 33.3433%)				2,472,278		1,925,642



2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities (33.3333% of the principal payments and 100% of the interest payments paid to 20HI)

		Pass-Through		Pr	incipal Amount At	Principal Amount	
Pool Number	Pool Type	Interest Ra	ate		Acquisition	 Outstanding	
QB4535	FHLMC	3.000	%	\$	4,487,966	\$ 3,749,122	
QB4536	FHLMC	3.500			462,058	431,278	
BQ3566	FNMA	3.000			6,034,657	4,625,036	
BQ3568	FNMA	3.500			1,069,988	722,491	
BQ3569	FNMA	3.000			468,304	434,676	
BQ3570	FNMA	3.500			684,926	360,558	
BQ5520	FNMA	2.500			437,835	404,961	
BQ5521	FNMA	3.000			8,880,356	7,380,355	
BQ5523	FNMA	3.500			802,545	747,958	
BP8097	GNMA II	3.000			449,100	416,661	
BX2313	GNMA II	3.000			5,386,309	3,606,040	
BX2314	GNMA II	3.000			4,298,087	3,451,550	
BX2315	GNMA II	3.000			5,669,925	4,007,233	
BX2316	GNMA II	3.000			4,067,348	2,522,603	
BX2317	GNMA II	3.000			3,328,512	1,826,065	
BX2323	GNMA II	3.000			1,256,815	904,670	
BX2464	GNMA II	2.375			143,690	132,003	
BX2465	GNMA II	2.750			1,614,891	1,128,823	
BX2466	GNMA II	2.875			2,847,764	2,450,954	
BX2467	GNMA II	3.000			5,608,450	 3,441,608	
					57,999,528	42,744,645	
MBS Participa	ation Interest	(33.3333%)			19,333,157	14,248,201	



2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities (33.3333% of the principal payments and 100% of the interest payments paid to 20HI)

		Pass-Throu	Pass-Through		Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	ite		Acquisition		Outstanding	
QA5426	FHLMC	3.500	%	\$	161,749	9	150,584	4
QA6256	FHLMC	3.000			298,820		277,083	3
QA7124	FHLMC	3.000			558,768		516,37	4
QA8097	FHLMC	3.500			647,567		-	
QB6177	FHLMC	2.500			392,800		353,930	ô
QB6178	FHLMC	3.000			968,137		891,15	7
QB6179	FHLMC	3.000			621,570		572,580	ô
QB6180	FHLMC	3.500			447,399		415,659	9
BP6141	FNMA	3.000			381,824		327,07	7
BP8317	FNMA	3.000			424,036		168,214	4
BQ7867	FNMA	2.500			5,664,762		4,424,27	1
BQ7868	FNMA	3.000			5,760,255		4,376,190	O
BQ7870	FNMA	3.500			159,890		149,378	8
BP7900	GNMA II	3.000			415,032		382,510	ô
BP8056	GNMA II	3.000			777,995		496,050	O
BT3753	GNMA II	3.000			405,131		126,33	7
BT4271	GNMA II	3.500			675,857		628,880	ô
BT4389	GNMA II	3.500			870,768		808,500	ô
BT4393	GNMA II	3.125			855,755		793,203	3



2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities (33.3333% of the principal payments and 100% of the interest payments paid to 20HI)

		Pass-Throu	ugh	Pri	ncipal Amount At	Pri	ncipal Amount	
Pool Number	Pool Type	Interest Rate		Acquisition		(Outstanding	
BT4581	GNMA II	3.500	%	\$	831,923	\$	513,387	
BX2681	GNMA II	2.875			863,739		628,903	
BX2686	GNMA II	3.125			1,394,298		1,048,092	
BX2687	GNMA II	3.250			3,475,219		1,794,951	
BX2688	GNMA II	3.375			1,946,381		1,209,949	
			•		28,999,674		21,053,289	
MBS Participation Interest (33.3333%)					9,666,548		7,017,756	



2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities (66.666% of the principal payments and 0% of the interest payments paid to 20HI)

Pool Number Pool Type			Pass-Through Interest Rate		ncipal Amount At Acquisition	_	Principal Amount Outstanding	
QB6859 QB6860 QB7784 BQ7839 BR0289 BR0290 BR0291 BR0292 BR2530 BT4578 BX2321 BX2324 BX2325 BX2476 BX2477 BX2478	FHLMC FHLMC FHLMC FNMA FNMA FNMA FNMA FNMA GNMA II GNMA II GNMA II GNMA II GNMA II GNMA II	2.500 3.000 2.500 3.000 2.500 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000	<u>*************************************</u>	\$	1,696,522 1,906,633 3,203,929 391,846 2,559,292 4,291,002 2,999,838 1,113,124 6,052,000 631,973 979,322 921,339 982,937 1,198,993 751,311 1,101,736	\$	1,437,779 1,605,006 2,969,846 364,703 1,789,974 3,699,460 2,623,803 1,037,474 5,368,855 588,334 909,901 858,576 291,498 627,873 423,223 1,024,661	
BX2679 BX2806 BX2824	GNMA II GNMA II GNMA II	2.750 2.750 2.750			4,429,618 6,187,085 6,262,973		3,725,841 4,497,921 4,768,489	



2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities (66.666% of the principal payments and 0% of the interest payments paid to 20HI)

		Pass-Through		Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Rate			Acquisition	Outstanding	
BX2825	GNMA II	2.750	%	\$	5,433,685	\$	4,780,369
BX2826	GNMA II	2.875			634,951		445,313
BX2827	GNMA II	3.000			3,543,267		2,508,747
BX2828	GNMA II	3.000			3,479,065		2,071,970
			•		60,752,440		48,419,615
MBS Participation Interest (66.666%)					40,501,222		32,279,421



2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities (66.666% of the principal payments and 0% of the interest payments paid to 20HI)

		Pass-Through		Pri	Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	Interest Rate		Acquisition		Outstanding	
QB8185	FHLMC	2.500	%	\$	134,332	\$	125,143	
QB8712	FHLMC	3.000			189,180		-	
QB9284	FHLMC	2.500			567,660		527,389	
QB9774	FHLMC	2.500			1,143,071		885,338	
BQ1836	FNMA	3.000			324,655		177,314	
BQ7872	FNMA	3.000			957,648		891,344	
BR2535	FNMA	2.500			586,247		400,255	
BR2562	FNMA	2.500			429,992		399,364	
BR2563	FNMA	2.500			396,209		365,232	
BR2564	FNMA	3.000			256,204		235,513	
BR4293	FNMA	3.000			367,778		343,677	
BR6649	FNMA	2.500			5,285,020		4,538,718	
BR6650	FNMA	3.000			2,671,082		2,312,431	
BR6651	FNMA	3.000			284,561		266,373	
BX2480	GNMA II	3.000			883,195		824,943	
BX2845	GNMA II	3.000			839,024		780,448	
CB2722	GNMA II	2.500			702,433		650,438	
CB2724	GNMA II	2.750			4,236,861		2,826,727	
CB2725	GNMA II	2.750			4,842,820		3,783,279	
CB2726	GNMA II	3.000	_		5,278,495		4,410,640	
			•		30,376,468		24,744,566	
MBS Participa	ation Interest	(66.666%)			20,250,776		16,496,212	



2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities (66.5422% of the principal payments and 0% of the interest payments paid to 20HI)

		Pass-Through		Principal Amount At		Prir	Principal Amount	
Pool Number	Pool Type	Interest Rate			Acquisition	Outstanding		
QC2577	FHLMC	2.500	%	\$	3,109,019	\$	2,714,524	
BR9481	FNMA	2.500			4,361,160		4,045,567	
BR9509	FNMA	2.500			602,251		562,871	
CB3105	GNMA II	2.750			4,011,730		3,467,814	
					12,084,160		10,790,775	
MBS Participation Interest (66.5422%)					8,041,066		7,180,419	



2020 HI, continued

20HI Participation Interest in the following Mortgage-Backed Securities (66.5422% of the principal payments and 0% of the interest payments paid to 20HI)

		Pass-Throu	gh	Prir	ncipal Amount At	Pri	ncipal Amount
Pool Number	Pool Type	Interest Ra	te		Acquisition	Outstanding	
QB1281	FHLMC	3.000	%	\$	362,392	\$	206,840
BR0294	FNMA	3.000			255,213		239,807
BR2531	FNMA	3.000			3,522,595		2,908,847
BR2532	FNMA	3.000			3,486,344		2,466,775
BR2534	FNMA	2.500			442,631		407,984
BT4394	GNMA II	3.250			558,107		523,175
BX2689	GNMA II	3.000			676,507		456,742
BX2691	GNMA II	3.375			791,950		743,189
CB2320	GNMA II	3.000			5,113,865		3,952,771
CB2322	GNMA II	3.000			4,221,558		3,249,849
CB2323	GNMA II	3.000			4,602,315		3,471,580
			•		24,033,476		18,627,559
MBS Participation Interest (66.5422%)				15,992,403		12,395,188	
2020 HI Total		\$	115,945,039	\$	96,931,915		



2021 AB

		Pass-Throu	ıgh	Pri	incipal Amount At	Principal Amount
Pool Number	Pool Type	Interest Ra	ite		Acquisition	 Outstanding
QB9285	FHLMC	3.000	%	\$	490,559	\$ 456,119
QB9287	FHLMC	2.500			199,477	185,414
QB9776	FHLMC	3.000			166,143	150,753
BR0293	FNMA	2.500			163,218	151,593
BR4291	FNMA	2.500			4,444,109	3,824,675
BR4292	FNMA	3.000			4,270,748	3,337,701
BR4296	FNMA	3.000			258,448	 240,655
Subtotal			•		9,992,702	 8,346,911



2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities (33.332% of the principal payments and 100% of the interest payments paid to 21AB)

		Pass-Through			cipal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Rate			Acquisition	Outstanding		
D)/0/00	0.11.44.11	a 10=	٠,	•		•		
BX2469	GNMA II	3.125	%	\$	4,444,987	\$	3,720,673	
BX2470	GNMA II	3.125			3,355,174		3,123,993	
BX2471	GNMA II	3.250			4,596,029		2,964,072	
BX2472	GNMA II	3.375			3,372,194		2,567,899	
BX2473	GNMA II	3.375			3,968,456		2,220,829	
			,		19,736,840		14,597,466	
MBS Participation Interest (33.332%)					6,578,683		4,865,627	



2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities (33.332% of the principal payments and 100% of the interest payments paid to 21AB)

		Pass-Through		Pr	incipal Amount At	Pr	Principal Amount	
Pool Number Pool Type		Interest Rate			Acquisition		Outstanding	
QB9286	FHLMC	3.000	%	\$	406,682	\$	251,324	
QB9775	FHLMC	3.000			469,417		435,693	
BX2846	GNMA II	3.000			958,587		332,470	
CB2417	GNMA II	3.000			799,004		744,324	
CB2727	GNMA II	3.000			5,172,677		4,331,699	
CB2728	GNMA II	3.375			149,565		139,739	
CB2730	GNMA II	2.500			1,041,220		965,791	
CB2732	GNMA II	3.000			870,881		807,318	
			·		9,868,033		8,008,358	
MBS Participa	(33.332%)			3,289,213		2,669,346		



2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities (33.334% of the principal payments and 100% of the interest payments paid to 21AB)

Pool Number Pool Type		Pass-Through Interest Rate		Principal Amount At Acquisition		_	Principal Amount Outstanding
QB6859 QB6860 QB7784 BQ7839 BR0289 BR0290 BR0291 BR0292 BR2530 BT4578 BX2321 BX2324 BX2325 BX2476 BX2477 BX2478	FHLMC FHLMC FHLMC FNMA FNMA FNMA FNMA FNMA GNMA II GNMA II GNMA II GNMA II GNMA II GNMA II	2.500 3.000 2.500 3.000 2.500 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000 3.000	<u>*************************************</u>	\$	1,696,522 1,906,633 3,203,929 391,846 2,559,292 4,291,002 2,999,838 1,113,124 6,052,000 631,973 979,322 921,339 982,937 1,198,993 751,311 1,101,736	\$	1,437,779 1,605,006 2,969,846 364,703 1,789,974 3,699,460 2,623,803 1,037,474 5,368,855 588,334 909,901 858,576 291,498 627,873 423,223 1,024,661
BX2679 BX2806 BX2824	GNMA II GNMA II GNMA II	2.750 2.750 2.750			4,429,618 6,187,085 6,262,973		3,725,841 4,497,921 4,768,489



2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities (33.334% of the principal payments and 100% of the interest payments paid to 21AB)

		Pass-Through		Principal Amount At		F	Principal Amount Outstanding	
Pool Number Pool Type		Interest Rate			Acquisition			
BX2825	GNMA II	2.750	%	\$	5,433,685	\$	4,780,369	
BX2826	GNMA II	2.875			634,951		445,313	
BX2827	GNMA II	3.000			3,543,267		2,508,747	
BX2828	GNMA II	3.000			3,479,065		2,071,970	
			•		60,752,440		48,419,615	
MBS Participation Interest (33.334%)					20,251,218		16,140,195	



2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities (33.334% of the principal payments and 100% of the interest payments paid to 21AB)

		Pass-Through		Pr	incipal Amount At	Principal Amount	
Pool Number	Pool Type	Interest Ra	ite		Acquisition	 Outstanding	
QB8185	FHLMC	2.500	%	\$	134,332	\$ 125,143	
QB8712	FHLMC	3.000			189,180	-	
QB9284	FHLMC	2.500			567,660	527,389	
QB9774	FHLMC	2.500			1,143,071	885,338	
BQ1836	FNMA	3.000			324,655	177,314	
BQ7872	FNMA	3.000			957,648	891,344	
BR2535	FNMA	2.500			586,247	400,255	
BR2562	FNMA	2.500			429,992	399,364	
BR2563	FNMA	2.500			396,209	365,232	
BR2564	FNMA	3.000			256,204	235,513	
BR4293	FNMA	3.000			367,778	343,677	
BR6649	FNMA	2.500			5,285,020	4,538,718	
BR6650	FNMA	3.000			2,671,082	2,312,431	
BR6651	FNMA	3.000			284,561	266,373	
BX2480	GNMA II	3.000			883,195	824,943	
BX2845	GNMA II	3.000			839,024	780,448	
CB2722	GNMA II	2.500			702,433	650,438	
CB2724	GNMA II	2.750			4,236,861	2,826,727	
CB2725	GNMA II	2.750			4,842,820	3,783,279	
CB2726	GNMA II	3.000	-		5,278,495	 4,410,640	
			•		30,376,468	 24,744,566	
MBS Participation Interest (33.334%)		(33.334%)			10,125,692	8,248,354	



2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities (67.1362% of the principal payments and 0% of the interest payments paid to 21AB)

		Pass-Through		Pri	Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	te		Acquisition		Outstanding	
QC2002	FHLMC	2.500	%	\$	139,345	\$	125,841	
BR9484	FNMA	2.500			68,453		63,820	
BR9504	FNMA	2.500			3,068,321		2,692,363	
BR9505	FNMA	2.500			2,745,888		2,559,059	
BR9506	FNMA	2.500			1,442,291		1,348,147	
BR9507	FNMA	2.500			5,444,980		4,768,118	
BR9508	FNMA	3.000			987,868		735,565	
BX2847	GNMA II	3.000			901,141		669,758	
CB2328	GNMA II	3.000			868,451		804,590	
CB2329	GNMA II	3.000			826,514		424,374	
			•		16,493,253	' <u>'</u>	14,191,636	
MBS Participation Interest (67.1362%)				11,072,943		9,527,725		



2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities (67.1362% of the principal payments and 0% of the interest payments paid to 21AB)

	Pass-Through		ıgh	Principal Amount At		Pri	Principal Amount	
Pool Number	Pool Type	Interest Rate			Acquisition	(Outstanding	
QC1034	FHLMC	2.500	%	\$	3,243,098	\$	2,238,212	
QC1035	FHLMC	2.500			298,560		278,890	
QC1482	FHLMC	2.500			1,572,639		1,462,935	
QC1483	FHLMC	2.500			1,110,427		678,071	
QC1485	FHLMC	2.500			122,038		114,238	
BR8370	FNMA	2.500			3,479,807		2,753,719	
BR8371	FNMA	2.500			4,198,732		3,190,271	
BR8372	FNMA	2.500			3,741,525		3,037,680	
BR8373	FNMA	2.500			3,952,899		3,061,156	
BR8375	FNMA	2.500			1,050,480		982,468	
BR8392	FNMA	2.500			4,167,128		3,414,034	
BR8393	FNMA	2.500			2,934,597		2,626,537	
CB2723	GNMA II	2.750	_		3,821,471		3,061,646	
			-		33,693,402		26,899,856	
MBS Participation Interest (67.1362%)				22,620,470		18,059,541		



2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities (66.666% of the principal payments and 0% of the interest payments paid to 21AB)

		Pass-Through		Pr	Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	ite		Acquisition		Outstanding	
QC1486	FHLMC	2.500	%	\$	172,351	\$	160,990	
QC1999	FHLMC	2.500			1,017,446		953,986	
QC2000	FHLMC	2.500			1,069,827		585,094	
BR4294	FNMA	2.500			626,400		588,253	
BR8394	FNMA	2.500			1,983,683		1,645,242	
BR8396	FNMA	2.500			452,100		425,975	
BR9480	FNMA	2.500			2,382,039		2,127,501	
BR9482	FNMA	2.500			5,072,340		4,581,927	
BR9483	FNMA	2.500			995,814		779,847	
CB2330	GNMA II	3.000			642,395		411,176	
CB2931	GNMA II	2.500			568,716		528,704	
CB3099	GNMA II	2.000			242,416		225,167	
CB3100	GNMA II	2.500			4,020,749		2,608,845	
CB3101	GNMA II	2.500			3,923,456		2,663,544	
CB3102	GNMA II	2.500			3,172,003		2,468,066	
CB3103	GNMA II	2.750			2,473,480		1,914,148	
CB3104	GNMA II	2.750			4,178,562		3,583,606	
CB3106	GNMA II	3.000	_		1,462,953		1,107,327	
			•		34,456,726		27,359,400	
MBS Participation Interest		(66.6666%)			22,971,128		18,239,582	



2021 AB, continued

21AB Participation Interest in the following Mortgage-Backed Securities (66.666% of the principal payments and 0% of the interest payments paid to 21AB)

		Pass-Through		Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	ite		Acquisition	Outstanding	
QC4310	FHLMC	2.500	%	\$	165,339	\$	154,992
QC4974	FHLMC	2.500			2,166,446		2,038,399
QC5492	FHLMC	2.500			872,872		654,109
BT5809	FNMA	2.500			6,302,304		5,319,151
BT5851	FNMA	2.500			4,593,240		4,124,891
BT5853	FNMA	3.000			2,797,959		2,303,738
CE3818	GNMA II	2.500			330,244		309,564
			•		17,228,404		14,904,844
MBS Participation Interest (66.6666%)				11,485,591		9,936,553	
2021 AB Total			\$	118,387,640	\$	96,033,833	



2021 CD

Book North Control		Pass-Through		Pri	Principal Amount At		Principal Amount		
Pool Number	Pool Type	Interest Ra	ite		Acquisition	-	Outstanding		
QC3145	FHLMC	2.500	%	\$	3,036,293	\$	2,629,587		
QC3146	FHLMC	2.500			613,739		574,867		
QC3706	FHLMC	2.500			1,252,200		1,167,683		
QC3707	FHLMC	3.000			606,998		448,074		
QC3709	FHLMC	3.000			600,441		565,107		
QC4308	FHLMC	2.500			2,204,581		1,939,903		
QC4309	FHLMC	3.000			2,310,693		2,164,146		
AH0096	FNMA	3.325			422,089		79,613		
AT9858	FNMA	2.900			204,924		185,420		
AU7183	FNMA	3.000			846,610		550,518		
BO6577	FNMA	3.500			336,877		312,012		
BR8395	FNMA	2.500			378,783		350,113		
BR9510	FNMA	2.500			896,377		647,485		
BT0672	FNMA	3.000			1,966,008		1,708,439		
BT0673	FNMA	2.500			689,070		646,635		
BT0695	FNMA	2.500			2,616,017		2,312,303		
BT0697	FNMA	2.500			1,370,042		1,278,211		
BT0699	FNMA	2.500			503,872		210,240		



2021 CD, continued

		Pass-Throu	Pass-Through		Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	te		Acquisition		Outstanding	
BT0700	FNMA	2.500	%	\$	1,585,964	\$	1,493,107	
BT5340	FNMA	2.500			1,291,814		845,409	
BT5341	FNMA	2.500			4,169,695		3,791,510	
BT5342	FNMA	2.500			3,536,945		2,873,194	
BT5343	FNMA	2.500			3,459,521		3,232,371	
BT5344	FNMA	3.000			2,129,003		1,759,381	
BT5346	FNMA	2.500			1,263,872		1,186,420	
755398	GNMA II	4.750			118,782		92,283	
755421	GNMA II	4.000			58,003		-	
755712	GNMA II	3.375			114,053		-	
755714	GNMA II	3.875			75,779		67,692	
755719	GNMA II	4.500			152,600		56,727	
755753	GNMA II	3.375			155,019		134,971	
755799	GNMA II	3.625			92,965		-	
755884	GNMA II	3.625			177,956		41,280	
755885	GNMA II	3.875			285,313		175,558	
755996	GNMA II	4.125			85,136		76,262	
755998	GNMA II	4.625			113,106		101,390	
756055	GNMA II	4.125			122,755		110,044	



2021 CD, continued

		Pass-Through		Pri	Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	Interest Rate		Acquisition		Outstanding	
AF0609	GNMA II	2.500	%	\$	589,218	9	5	384,670
BX2832	GNMA II	2.750			918,331			658,278
CB2326	GNMA II	2.750			1,113,636			1,039,703
CB2327	GNMA II	3.000			729,852			527,628
CB2932	GNMA II	2.500			608,292			567,198
CE3341	GNMA II	2.750			2,868,525			2,283,047
CE3342	GNMA II	2.750			4,125,158			3,853,734
CE3344	GNMA II	2.750			3,857,537			3,609,576
CE3347	GNMA II	2.750			952,764			892,092
CE3349	GNMA II	3.000			634,363			594,200
CE3630	GNMA II	2.500			1,785,185			1,198,749
CE3634	GNMA II	3.000			3,602,148			2,848,289
CE3635	GNMA II	3.000			3,994,390			3,525,822



		Pass-Through	Principal Amount At	Princ	cipal Amount
Pool Number	Pool Type	Interest Rate	Acquisition	O	itstanding
AI7889	FNMA	4.500 %	\$ 77,450	\$	65,063
Al8696	FNMA	4.125	21,217		17,613
Al8697	FNMA	4.625	45,801		41,456
Al8699	FNMA	4.625	76,931		-
AJ0331	FNMA	4.375	76,022		68,726
AJ0734	FNMA	4.375	68,370		-
AJ3452	FNMA	4.000	108,527		97,946
AJ5132	FNMA	4.000	61,292		35,048
AJ5142	FNMA	4.500	21,632		-
AJ7451	FNMA	3.500	41,880		37,649
AJ7452	FNMA	4.000	51,527		-
AJ8686	FNMA	4.000	80,578		71,157
774916	GNMA II	3.875	342,593		167,503
774917	GNMA II	4.000	67,730		44,528
774918	GNMA II	4.250	84,810		-
774968	GNMA II	4.250	110,042		99,340
774987	GNMA II	3.875	56,803		50,792
774988	GNMA II	4.000	85,084		75,530
774989	GNMA II	4.250	82,195		74,106
774991	GNMA II	4.625	76,892		-
775004	GNMA II	3.875	200,320		158,762
775005	GNMA II	4.250	95,957		86,624
775006	GNMA II	4.375	133,352		120,546
775062	GNMA II	3.875	39,443		35,452
775063	GNMA II	4.000	67,796		60,934



		Pass-Through	Principal Amount At	Princ	cipal Amount
Pool Number	Pool Type	Interest Rate	Acquisition	Oı	utstanding
775064	GNMA II	4.125 %	\$ 122,757	\$	-
775065	GNMA II	4.250	170,800		53,353
775079	GNMA II	3.875	92,221		-
775080	GNMA II	4.000	113,082		101,787
775082	GNMA II	4.250	238,808		213,987
775083	GNMA II	4.375	105,151		-
775103	GNMA II	3.750	52,898		-
775106	GNMA II	4.250	111,981		99,186
775107	GNMA II	4.375	76,998		69,106
775126	GNMA II	3.875	245,973		211,813
775127	GNMA II	4.000	93,597		-
775143	GNMA II	4.125	97,899		-
775144	GNMA II	4.250	51,063		45,579
775163	GNMA II	3.500	104,407		93,511
775165	GNMA II	3.875	193,972		148,944
775167	GNMA II	4.250	76,122		-
775169	GNMA II	4.625	71,253		64,494
775183	GNMA II	3.500	74,985		57,245
775205	GNMA II	3.875	12,981		-
775206	GNMA II	4.000	75,644		64,601
775207	GNMA II	4.125	145,207		130,979
775209	GNMA II	4.375	105,597		95,376
775243	GNMA II	3.750	66,934		59,693
775244	GNMA II	3.875	287,018		155,305
775245	GNMA II	4.000	150,044		62,196



		Pass-Through	Principal Amount At	Princ	cipal Amount
Pool Number	Pool Type	Interest Rate	Acquisition	O	ıtstanding
775247	GNMA II	4.250 %	\$ 53,150	\$	-
775267	GNMA II	3.500	64,296		-
775269	GNMA II	3.875	214,689		156,239
775270	GNMA II	4.000	37,294		33,120
775272	GNMA II	4.250	67,167		-
775273	GNMA II	4.375	52,410		44,373
775290	GNMA II	3.750	24,622		-
775293	GNMA II	4.250	92,422		83,433
775362	GNMA II	3.500	324,681		207,452
775364	GNMA II	3.875	135,564		121,875
775366	GNMA II	4.125	55,674		-
775367	GNMA II	4.250	100,532		-
775372	GNMA II	3.375	220,459		108,809
775373	GNMA II	3.500	95,607		85,646
775374	GNMA II	3.750	59,328		52,261
775375	GNMA II	3.875	359,322		204,935
775413	GNMA II	3.750	89,226		80,122
775414	GNMA II	3.875	368,544		165,612
775415	GNMA II	4.000	121,186		109,153
775418	GNMA II	4.375	71,425		58,131
775419	GNMA II	4.500	52,601		47,365
775427	GNMA II	3.375	339,478		122,863
775428	GNMA II	3.500	222,952		147,590
775430	GNMA II	3.875	79,338		-
775431	GNMA II	4.000	50,735		-



		Pass-Through	Principal Amount At	Prin	icipal Amount	
Pool Number	Pool Type	Interest Rate	Acquisition	0	Outstanding	
775432	GNMA II	4.125 %	\$ 84,270	\$	65,988	
775473	GNMA II	3.875	114,560	*	-	
775474	GNMA II	4.250	75,192		63,058	
775507	GNMA II	3.375	471,093		411,344	
775509	GNMA II	3.750	159,111		73,357	
775145	GNMA	4.375	75,785		67,715	
747572	GNMA II	4.125	107,693		-	
747680	GNMA II	4.000	118,480		104,104	
747681	GNMA II	4.125	291,728		242,000	
747777	GNMA II	4.000	487,743		423,792	
747778	GNMA II	4.125	46,042		37,117	
747817	GNMA II	4.000	400,368		289,235	
747818	GNMA II	4.125	64,943		57,956	
751028	GNMA II	4.000	112,541		-	
751079	GNMA II	4.000	189,822		161,930	
751101	GNMA II	4.000	233,470		150,326	
751105	GNMA II	4.750	180,220		161,179	
751142	GNMA II	4.000	135,774		82,165	
751143	GNMA II	4.125	80,638		21,536	
751146	GNMA II	4.625	270,978		106,449	
751147	GNMA II	4.750	127,607		114,310	
751162	GNMA II	4.000	38,337		34,239	
751163	GNMA II	4.125	204,642		182,258	
755188	GNMA II	4.000	107,237		92,583	
755192	GNMA II	4.750	124,581		111,832	
755210	GNMA II	4.000	107,201		95,726	
755214	GNMA II	4.875	126,449		113,423	
755233	GNMA II	3.500	136,075		120,767	
755238	GNMA II	4.750	92,940		-	
755264	GNMA II	4.000	164,996		-	
755305	GNMA II	3.500	152,510		134,599	



		Pass-Through	Pr	incipal Amount At	Principal Amount
Pool Number	Pool Type	Interest Rate		Acquisition	 Outstanding
755358	GNMA II	4.750 %	\$	96,774	\$ 86,691
755537	GNMA II	3.375		61,319	53,204
755798	GNMA II	3.500		139,831	111,739
755882	GNMA II	3.375		244,414	145,422
768982	GNMA II	3.875		244,048	125,165
768983	GNMA II	4.000		65,080	58,490
768985	GNMA II	4.250		102,914	92,779
769024	GNMA II	3.875		86,119	76,474
769025	GNMA II	4.000		61,828	55,571
769027	GNMA II	4.250		77,474	-
769028	GNMA II	4.375		227,752	24,500
769029	GNMA II	4.500		34,704	31,371
769043	GNMA II	4.000		102,283	49,206
769045	GNMA II	4.250		222,636	198,335
769046	GNMA II	4.375		270,759	242,826
769048	GNMA II	4.750		87,304	-
769064	GNMA II	3.875		222,260	197,759
769065	GNMA II	4.000		130,170	-
769066	GNMA II	4.250		90,346	81,278
769104	GNMA II	4.625		51,860	46,443
769124	GNMA II	3.875		45,434	-
769125	GNMA II	4.000		136,266	63,510
769129	GNMA II	3.875		332,915	223,861
769133	GNMA II	4.000		51,655	45,653
769194	GNMA II	4.000		127,997	59,326
769195	GNMA II	4.125		71,688	64,540
769196	GNMA II	4.250		381,674	290,545
769199	GNMA II	4.750		119,577	108,377
769203	GNMA II	3.875		151,089	128,866



		Pass-Through	Principal Amount At	Prin	Principal Amount	
Pool Number	Pool Type	Interest Rate	Acquisition	O	Outstanding	
769270 769271	GNMA II GNMA II	3.875 % 4.000	\$ 175,229 185,992	\$	35,320 47,782	
769272	GNMA II	4.250	61,731		55,439	
769309	GNMA II	3.875	46,513			
769340	GNMA II	4.375	301,391		173,911	
AE8494	FNMA	4.125	107,636		-	
AH0091	FNMA	3.450	112,744		95,624	
AH0092	FNMA	3.950	133,159		70,787	
AH0094	FNMA	3.450	285,932		255,179	
AH0098	FNMA	3.325	188,333		87,877	
AH0100	FNMA	3.325	154,284		-	
AH5477	FNMA	3.500	82,287		73,400	
AH5481	FNMA	3.500	38,070		-	
AH5486	FNMA	3.625	25,239		17,671	
AH5521	FNMA	3.950	57,593		45,520	
AH5522	FNMA	3.325	205,121		102,794	
AH5523	FNMA	3.450	230,443		43,843	
AH5524	FNMA	3.575	135,698		120,222	
AH5525	FNMA	3.325	467,914		272,190	
AH5526	FNMA	3.450	312,296		185,533	
755544	GNMA II	4.625	91,395		81,637	
755736	GNMA II	3.500	248,286		204,653	
Subtotal			86,856,113		68,906,155	



2021 CD, continued

		Pass-Through		Prir	ncipal Amount At	Prir	ncipal Amount	
Pool Number Pool Type		Interest Rate		Acquisition		C	Outstanding	
QC2577	FHLMC	2.500	%	\$	3,109,019	\$	2,714,524	
BR9481	FNMA	2.500			4,361,160		4,045,567	
BR9509	FNMA	2.500			602,251		562,871	
CB3105	GNMA II	2.750			4,011,730		3,467,814	
					12,084,160		10,790,775	
MBS Participation Interest (33.4578%)					4,043,094		3,610,356	



2021 CD, continued

		Pass-Through		Principal Amount At			Principal Amount	
Pool Number	Pool Type	Interest Ra	Interest Rate		Acquisition		Outstanding	
QB1281	FHLMC	3.000	%	\$	362,392	\$	206,840	
BR0294	FNMA	3.000			255,213		239,807	
BR2531	FNMA	3.000			3,522,595		2,908,847	
BR2532	FNMA	3.000			3,486,344		2,466,775	
BR2534	FNMA	2.500			442,631		407,984	
BT4394	GNMA II	3.250			558,107		523,175	
BX2689	GNMA II	3.000			676,507		456,742	
BX2691	GNMA II	3.375			791,950		743,189	
CB2320	GNMA II	3.000			5,113,865		3,952,771	
CB2322	GNMA II	3.000			4,221,558		3,249,849	
CB2323	GNMA II	3.000			4,602,315		3,471,580	
			•		24,033,476		18,627,559	
MBS Participation Interest (33.4578%)				8,041,072		6,232,372		



2021 CD, continued

		Pass-Through		Prin	cipal Amount At	Principal Amount	
Pool Number	Pool Type	Interest Rate			Acquisition	Outstanding	
QC2002	FHLMC	2.500	%	\$	139,345	\$	125,841
BR9484	FNMA	2.500			68,453		63,820
BR9504	FNMA	2.500			3,068,321		2,692,363
BR9505	FNMA	2.500			2,745,888		2,559,059
BR9506	FNMA	2.500			1,442,291		1,348,147
BR9507	FNMA	2.500			5,444,980		4,768,118
BR9508	FNMA	3.000			987,868		735,565
BX2847	GNMA II	3.000			901,141		669,758
CB2328	GNMA II	3.000			868,451		804,590
CB2329	GNMA II	3.000			826,514		424,374
			,		16,493,253	-	14,191,636
MBS Participation Interest (32.8638%)				5,420,310		4,663,911	



2021 CD, continued

	Pass-Through		gh	Principal Amount At		Pri	Principal Amount	
Pool Number	Pool Type	Interest Rate			Acquisition		Outstanding	
QC1034	FHLMC	2.500	%	\$	3,243,098	\$	2,238,212	
QC1035	FHLMC	2.500			298,560		278,890	
QC1482	FHLMC	2.500			1,572,639		1,462,935	
QC1483	FHLMC	2.500			1,110,427		678,071	
QC1485	FHLMC	2.500			122,038		114,238	
BR8370	FNMA	2.500			3,479,807		2,753,719	
BR8371	FNMA	2.500			4,198,732		3,190,271	
BR8372	FNMA	2.500			3,741,525		3,037,680	
BR8373	FNMA	2.500			3,952,899		3,061,156	
BR8375	FNMA	2.500			1,050,480		982,468	
BR8392	FNMA	2.500			4,167,128		3,414,034	
BR8393	FNMA	2.500			2,934,597		2,626,537	
CB2723	GNMA II	2.750	_		3,821,471		3,061,646	
			-		33,693,402		26,899,856	
MBS Participation Interest (32.8638%)				11,072,932		8,840,315		



2021 CD, continued

		Pass-Throu	ıgh	Pri	incipal Amount At	Principal Amount
Pool Numb	er Pool Type	Interest Ra	ite		Acquisition	Outstanding
735282	GNMA II	4.250	%	\$	187,744	\$ 166,351
735306	GNMA II	4.250			114,810	102,194
735672	GNMA II	4.250			260,263	231,588
743210	GNMA II	4.250			411,596	212,278
743227	GNMA II	4.250			388,180	159,501
743366	GNMA II	4.250			858,141	236,508
743425	GNMA II	4.250			580,853	421,957
743521	GNMA II	4.250			604,676	317,527
743599	GNMA II	4.250			1,042,627	619,570
747344	GNMA II	4.250			409,281	195,081
747350	GNMA II	4.250			264,274	73,824
747436	GNMA II	4.250			666,141	299,814
747452	GNMA II	4.250			554,442	271,218
747506	GNMA II	4.250			362,439	313,400
747779	GNMA II	4.250			291,344	214,000
747819	GNMA II	4.250			360,659	247,061
751081	GNMA II	4.250			72,328	64,586
761081	GNMA II	4.000			126,921	102,451
761082	GNMA II	4.375			109,805	97,632
761083	GNMA II	4.500			241,371	147,802
761114	GNMA II	4.000			184,668	131,934
761116	GNMA II	4.500			142,790	128,521
761146	GNMA II	4.000			110,420	98,764
761157	GNMA II	4.000			55,369	49,012
761158	GNMA II	4.500			99,009	89,236



2021 CD, continued

		Pass-Throu	ıgh	Pri	ncipal Amount At		Principal Amount	
Pool Numb	er Pool Type	Interest Rate			Acquisition		Outstanding	
761264	GNMA II	4.000	%	\$	40,228	\$	34,676	
761266	GNMA II	4.250			213,036		100,266	
761268	GNMA II	4.500			24,514		22,051	
761272	GNMA II	4.125			86,733		77,137	
761290	GNMA II	4.000			120,560		107,981	
761293	GNMA II	4.500			99,743		89,368	
761308	GNMA II	4.000			40,730		36,502	
761309	GNMA II	4.250			86,232		55,715	
Subtotal					9,211,925		5,515,505	
MBS Participation Interest (50%)					4,605,962		2,757,752	



2021 CD, continued

		Pass-Through	Princi	pal Amount At		Principal Amount
Pool Number	Pool Type	Interest Rate	Α	cquisition		Outstanding
775568	GNMA II	3.375 %	\$	465,141	\$	405,454
775599	GNMA II	3.375		59,693	•	52,387
775660	GNMA II	3.375		304,993		199,825
775708	GNMA II	3.375		202,575		27,125
775724	GNMA II	3.375		111,583		95,439
792369	GNMA II	3.375		246,235		76,409
792402	GNMA II	3.375		67,443		-
792474	GNMA II	3.375		94,438		82,730
775569	GNMA II	3.500		120,030		-
775592	GNMA II	3.500		46,188		-
775709	GNMA II	3.500		71,370		63,239
792370	GNMA II	3.500		109,439		94,128
792403	GNMA II	3.500		105,310		94,307
775472	GNMA II	3.750		90,854		81,273
775570	GNMA II	3.750		94,979		81,926
775593	GNMA II	3.750		192,807		167,336
775600	GNMA II	3.750		130,250		116,978
775662	GNMA II	3.750		284,909		247,116
775710	GNMA II	3.750		139,501		87,247
775726	GNMA II	3.750		266,678		194,366
792335	GNMA II	3.750		203,114		117,745
792371	GNMA II	3.750		119,205		48,206
775571	GNMA II	3.875		98,967		-
775594	GNMA II	3.875		291,512		162,614
775663	GNMA II	3.875		155,347		135,689



2021 CD, continued

		Pass-Through	Princip	al Amount At	Р	rincipal Amount
Pool Number Pool Type		Interest Rate	Ac	quisition		Outstanding
792372	GNMA II	3.875 %	\$	56,075	\$	50,446
775664	GNMA II	4.000		93,755		83,700
775676	GNMA II	4.125		125,571		113,036
774854	GNMA II	4.250		148,649		58,225
775714	GNMA II	4.250		102,939		92,384
775513	GNMA II	4.500		64,746		58,097
Subtotal				4,664,301		3,087,428
MBS Particip	ation Interest	(49.9979%)		2,332,052		1,543,649



2021 CD, continued

		Pass-Through	Pr	incipal Amount At	Pri	ncipal Amount
Pool Numbe	r Pool Type	Interest Rate		Acquisition		Outstanding
AA0076	GNMA II	3.625 %	\$	515,406	\$	285,764
AA0077	GNMA II	3.750		119,318		107,499
AA0104	GNMA II	3.250		65,447		58,567
AA0105	GNMA II	3.625		233,891		-
AA0106	GNMA II	3.750		216,736		144,362
AA0163	GNMA II	3.250		395,986		180,402
AA0164	GNMA II	3.375		266,408		210,832
AA0165	GNMA II	3.625		499,762		349,929
AA0166	GNMA II	3.750		201,780		92,048
AA0199	GNMA II	3.625		524,386		356,053
AA0200	GNMA II	3.750		60,257		-
AA0281	GNMA II	3.250		447,796		258,362
AB1466	GNMA II	3.375		217,301		-
Subtotal				3,764,473		2,043,819
MBS Participation Interest (49.9979%)				1,882,158		1,021,866



2021 CD, continued

		Pass-Through		Pri	Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	ate		Acquisition		Outstanding	
BT0669	FNMA	2.500	%	\$	4,606,345	\$	4,133,726	
BT0671	FNMA	2.500			5,162,744		4,459,600	
BT0696	FNMA	2.500			5,358,824		4,377,156	
BT0698	FNMA	3.000			5,775,289		5,261,866	
BT5345	FNMA	3.000			4,700,220		4,219,177	
CE3340	GNMA II	2.500			5,483,915		4,442,579	
CE3345	GNMA II	3.000			4,707,591		3,568,748	
CE3631	GNMA II	2.750			5,108,493		4,291,447	
CE3633	GNMA II	2.750			4,238,537		3,985,336	
CE3636	GNMA II	3.000			4,880,180		4,295,537	
Subtotal					50,022,139		43,035,173	
MBS Participation Interest (66.6666%)					33,348,059		28,690,087	



2021 CD, continued

		Pass-Through		Pri	Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	Interest Rate		Acquisition		Outstanding	
QC6526	FHLMC	3.000	%	\$	1,205,491	\$	1,136,264	
BT5373	FNMA	2.500			3,573,443		3,316,281	
BT5375	FNMA	2.500			2,199,707		1,566,494	
BT5379	FNMA	2.500			549,574		321,732	
BT5858	FNMA	2.500			2,035,760		1,920,046	
CE3343	GNMA II	2.750			2,913,605		2,514,965	
CE3632	GNMA II	2.750			3,484,129		2,870,329	
CE3639	GNMA II	2.750			709,466		445,541	
CE3819	GNMA II	2.750			3,373,527		2,840,530	
CE3820	GNMA II	2.750			4,966,652		4,077,026	
Subtotal			•		25,011,354		21,009,209	
MBS Participation Interest (66.6666%)					16,674,219		14,006,125	



2021 CD, continued

		Pass-Through		Principal Amount At		Prin	Principal Amount	
Pool Number Pool Type		Interest Rate		Acquisition		Outstanding		
BT0670	FNMA	2.500	%	\$	1,371,981	\$	1,017,287	
CB2414	GNMA II	2.750			472,593		444,547	
Subtotal			·		1,844,574		1,461,834	
MBS Participation Interest (48.5471%)					895,487		709,678	



2021 CD, continued

		Pass-Through		Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	te		Acquisition	Outstanding	
QC7299	FHLMC	3.000	%	\$	500,911	\$	474,631
QC9234	FHLMC	3.000			1,449,836		1,147,553
Subtotal			,		1,950,747	<u> </u>	1,622,184
MBS Participa	ation Interest	(48.5471%)			947,031		787,523
2021 CD Tota	ıl		;	\$	176,118,491	\$	141,769,789



2021 EF

Pool Number	Pool Type	Pass-Throu Interest Ra	-	Pri	ncipal Amount At Acquisition		Principal Amount Outstanding
QC5494	FHLMC	3.000	%	\$	251,388	\$	237,302
QC6524	FHLMC	2.500			2,102,094		1,597,023
QC7294	FHLMC	3.000			2,261,341		1,842,311
QC8204	FHLMC	3.000			1,442,255		1,040,597
BT5347	FNMA	2.500			705,216		662,078
BT5374	FNMA	2.500			3,908,187		3,669,767
BT5380	FNMA	2.500			658,360		618,337
BT5810	FNMA	2.500			4,587,406		3,691,706
BT5813	FNMA	2.500			825,154		544,845
BT5849	FNMA	2.500			3,585,237		3,155,150
BT5850	FNMA	2.500			4,304,466		3,825,357
BT5857	FNMA	3.000			714,242		435,287
BT8599	FNMA	3.000			1,368,926		1,034,699
CB3107	GNMA II	2.500			470,086		240,603
CE3822	GNMA II	2.750			4,901,703		4,063,885
					32,086,060	<u> </u>	26,658,948



2021 EF, continued

		Pass-Throu	ıgh	Pr	incipal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	ite		Acquisition		Outstanding	
QC1486	FHLMC	2.500	%	\$	172,351	\$	160,990	
QC1999	FHLMC	2.500			1,017,446		953,986	
QC2000	FHLMC	2.500			1,069,827		585,094	
BR4294	FNMA	2.500			626,400		588,253	
BR8394	FNMA	2.500			1,983,683		1,645,242	
BR8396	FNMA	2.500			452,100		425,975	
BR9480	FNMA	2.500			2,382,039		2,127,501	
BR9482	FNMA	2.500			5,072,340		4,581,927	
BR9483	FNMA	2.500			995,814		779,847	
CB2330	GNMA II	3.000			642,395		411,176	
CB2931	GNMA II	2.500			568,716		528,704	
CB3099	GNMA II	2.000			242,416		225,167	
CB3100	GNMA II	2.500			4,020,749		2,608,845	
CB3101	GNMA II	2.500			3,923,456		2,663,544	
CB3102	GNMA II	2.500			3,172,003		2,468,066	
CB3103	GNMA II	2.750			2,473,480		1,914,148	
CB3104	GNMA II	2.750			4,178,562		3,583,606	
CB3106	GNMA II	3.000	_		1,462,953		1,107,327	
			•		34,456,726	\$	27,359,400	
MBS Participation Interest (33.3334%)				11,485,598		9,119,818		



2021 EF, continued

		Pass-Throu	ugh	Pr	Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Rate			Acquisition		Outstanding	
QC4310	FHLMC	2.500	%	\$	165,339	\$	154,992	
QC4974	FHLMC	2.500			2,166,446		2,038,399	
QC5492	FHLMC	2.500			872,872		654,109	
BT5809	FNMA	2.500			6,302,304		5,319,151	
BT5851	FNMA	2.500			4,593,240		4,124,891	
BT5853	FNMA	3.000			2,797,959		2,303,738	
CE3818	GNMA II	2.500			330,244		309,564	
			•		17,228,404	-	14,904,844	
MBS Participation Interest (33.3334%)					5,742,813		4,968,291	



2021 EF, continued

		Pass-Through		Pr	incipal Amount At	Principal Amount	
Pool Number	Pool Type	Interest Ra	ate		Acquisition	Outstanding	
BT0669	FNMA	2.500	%	\$	4,606,345	\$	4,133,726
BT0671	FNMA	2.500			5,162,744		4,459,600
BT0696	FNMA	2.500			5,358,824		4,377,156
BT0698	FNMA	3.000			5,775,289		5,261,866
BT5345	FNMA	3.000			4,700,220		4,219,177
CE3340	GNMA II	2.500			5,483,915		4,442,579
CE3345	GNMA II	3.000			4,707,591		3,568,748
CE3631	GNMA II	2.750			5,108,493		4,291,447
CE3633	GNMA II	2.750			4,238,537		3,985,336
CE3636	GNMA II	3.000			4,880,180		4,295,537
Subtotal					50,022,139		43,035,173
MBS Participation Interest (33.3334%)					16,674,080		14,345,086



2021 EF, continued

		Pass-Through		Pri	Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	Interest Rate		Acquisition		Outstanding	
QC6526	FHLMC	3.000	%	\$	1,205,491	\$	1,136,264	
BT5373	FNMA	2.500			3,573,443		3,316,281	
BT5375	FNMA	2.500			2,199,707		1,566,494	
BT5379	FNMA	2.500			549,574		321,732	
BT5858	FNMA	2.500			2,035,760		1,920,046	
CE3343	GNMA II	2.750			2,913,605		2,514,965	
CE3632	GNMA II	2.750			3,484,129		2,870,329	
CE3639	GNMA II	2.750			709,466		445,541	
CE3819	GNMA II	2.750			3,373,527		2,840,530	
CE3820	GNMA II	2.750			4,966,652		4,077,026	
Subtotal			•		25,011,354		21,009,209	
MBS Participation Interest (33.3334%)					8,337,135		7,003,084	



2021 EF, continued

		Pass-Through		Pri	incipal Amount At	Pr	Principal Amount		
Pool Number	Pool Type	Interest Ra	ite		Acquisition	(Outstanding		
BT5382	FNMA	3.000	%	\$	736,676	\$	497,560		
BT8597	FNMA	3.000			2,668,819		2,280,304		
BT8598	FNMA	3.000			5,817,247		5,422,630		
BT8633	FNMA	2.500			3,214,829		2,791,229		
BT8635	FNMA	3.000			2,869,676		2,291,928		
BT8636	FNMA	3.000			5,678,323		4,890,550		
CE4026	GNMA II	2.750			6,888,537		5,524,081		
CE4027	GNMA II	2.750			5,927,891		5,602,308		
CE4028	GNMA II	2.750			7,723,522		6,985,219		
CE4029	GNMA II	2.750			499,152		326,736		
CE4030	GNMA II	3.000			6,873,893		5,129,708		
CE4031	GNMA II	3.000			6,576,849		5,805,921		
CE4032	GNMA II	3.000			5,907,469		5,067,257		
CE4033	GNMA II	3.000			6,730,331		5,178,939		
Subtotal			·		68,113,215		57,794,370		
MBS Participation Interest (50.0033%)				34,058,855		28,899,092			



2021 EF, continued

	Pass-Throug	Pass-Through		ncipal Amount At	Principal Amount		
Pool Number Pool Type	Interest Rat	е		Acquisition		Outstanding	
QC8202 FHLMC	2.500	%	\$	918,596	\$	795,983	
QC9233 FHLMC	2.500			1,443,927		1,223,977	
QD1044 FHLMC	2.500			1,925,418		1,562,581	
QD1045 FHLMC	3.000			2,374,101		2,072,182	
QD3012 FHLMC	3.000			2,735,130		2,594,909	
BT5815 FNMA	2.500			754,832		713,725	
BU1555 FNMA	2.500			7,569,796		7,162,259	
BU2160 FNMA	2.500			4,317,837		3,730,104	
BU2165 FNMA	3.000			3,863,388		3,037,796	
BU2168 FNMA	3.000			1,001,174		952,035	
BU6036 FNMA	3.000			2,287,589		2,174,177	
BU7355 FNMA	2.500			4,200,326		3,691,048	
BU7358 FNMA	2.500			4,565,123		4,319,118	
BU7361 FNMA	3.000			4,606,376		4,160,976	
BU7362 FNMA	3.000			6,879,454		5,289,304	
CE4037 GNMA II	2.750			860,563		813,945	
CI7652 GNMA II	2.750			4,825,251		4,440,291	
CI7654 GNMA II	2.750			4,247,427		3,758,206	
CI7655 GNMA II	2.750			4,017,389		3,796,840	
CI7946 GNMA II	2.750			6,399,139		5,389,105	
CI7948 GNMA II	2.750			5,024,402		4,509,059	
CI7954 GNMA II	3.000			4,637,563		4,386,701	
Subtotal				79,454,799		70,574,322	
MBS Participation Interest	(42.8600%)			34,054,327		30,248,154	
2021 EF Total			\$	142,438,868	\$	121,242,474	



2021 GHI

		Pass-Throu	ıgh	Pr	incipal Amount At	Principal Amount		
Pool Number Pool Type		Interest Rate			Acquisition	 Outstanding		
BT8600	FNMA	2.500	%	\$	511,545	\$ 484,597		
BT8639	FNMA	3.000			719,012	676,753		
CE3831	GNMA II	2.750			798,464	754,804		
CE3833	GNMA II	2.750			731,458	691,179		
CE4025	GNMA II	2.500			200,983	189,542		
CE4035	GNMA II	2.750			1,092,900	1,033,311		
CI7653	GNMA II	2.750			5,399,729	5,107,378		
CI7947	GNMA II	2.750			6,069,961	5,741,789		
CI7949	GNMA II	2.750			5,224,026	4,939,564		
CI7952	GNMA II	3.000			5,412,944	4,907,083		
CI7953	GNMA II	3.000			5,036,617	4,498,461		
			•		31,197,639	 29,024,460		



2021 GHI, continued

		Pass-Throu	Pass-Through		incipal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Ra	ite		Acquisition		Outstanding	
QC8202	FHLMC	2.500	%	\$	918,596	\$	795,983	
QC9233	FHLMC	2.500			1,443,927		1,223,977	
QD1044	FHLMC	2.500			1,925,418		1,562,581	
QD1045	FHLMC	3.000			2,374,101		2,072,182	
QD3012	FHLMC	3.000			2,735,130		2,594,909	
BT5815	FNMA	2.500			754,832		713,725	
BU1555	FNMA	2.500			7,569,796		7,162,259	
BU2160	FNMA	2.500			4,317,837		3,730,104	
BU2165	FNMA	3.000			3,863,388		3,037,796	
BU2168	FNMA	3.000			1,001,174		952,035	
BU6036	FNMA	3.000			2,287,589		2,174,177	
BU7355	FNMA	2.500			4,200,326		3,691,048	
BU7358	FNMA	2.500			4,565,123		4,319,118	
BU7361	FNMA	3.000			4,606,376		4,160,976	
BU7362	FNMA	3.000			6,879,454		5,289,304	
CE4037	GNMA II	2.750			860,563		813,945	
CI7652	GNMA II	2.750			4,825,251		4,440,291	
CI7654	GNMA II	2.750			4,247,427		3,758,206	
CI7655	GNMA II	2.750			4,017,389		3,796,840	
CI7946	GNMA II	2.750			6,399,139		5,389,105	
CI7948	GNMA II	2.750			5,024,402		4,509,059	
CI7954	GNMA II	3.000			4,637,563		4,386,701	
Subtotal					79,454,799	· <u></u>	70,574,322	
		(== 4.4000()			4= 400 4==		40.000 :	
MBS Participation Interest (57.1400%)				45,400,472		40,326,168		



2021 GHI, continued

		Pass-Through		Pri	incipal Amount At	Pr	Principal Amount		
Pool Number	Pool Type	Interest Ra	ite		Acquisition	(Outstanding		
BT5382	FNMA	3.000	%	\$	736,676	\$	497,560		
BT8597	FNMA	3.000			2,668,819		2,280,304		
BT8598	FNMA	3.000			5,817,247		5,422,630		
BT8633	FNMA	2.500			3,214,829		2,791,229		
BT8635	FNMA	3.000			2,869,676		2,291,928		
BT8636	FNMA	3.000			5,678,323		4,890,550		
CE4026	GNMA II	2.750			6,888,537		5,524,081		
CE4027	GNMA II	2.750			5,927,891		5,602,308		
CE4028	GNMA II	2.750			7,723,522		6,985,219		
CE4029	GNMA II	2.750			499,152		326,736		
CE4030	GNMA II	3.000			6,873,893		5,129,708		
CE4031	GNMA II	3.000			6,576,849		5,805,921		
CE4032	GNMA II	3.000			5,907,469		5,067,257		
CE4033	GNMA II	3.000			6,730,331		5,178,939		
Subtotal			·		68,113,215		57,794,370		
MBS Participation Interest (49.9967%)				34,054,360		28,895,278			



2021 GHI, continued

21GHI Participation Interest in the following Mortgage-Backed Securities (72.7264% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 21GHI)

		Pass-Throu	ıgh			Principal Amount At	Pri	ncipal Amount
Pool Number	Pool Type	Interest Ra	ite	Interest Participation	_	 Acquisition		Outstanding
BT8595	FNMA	2.500	%	20.0777	%	\$ 5,384,346	\$	4,630,041
BT8632	FNMA	2.500		20.1357		5,179,853		3,997,331
BU2161	FNMA	2.500		20.1099		5,359,326		4,899,905
BU2162	FNMA	2.500		20.0777		5,532,788		4,947,684
BU2166	FNMA	3.000		18.5905		5,447,417		4,975,818
BU2167	FNMA	3.000		18.5905		5,068,916		4,825,756
BU7356	FNMA	2.500		20.0777		5,512,641		5,203,293
BU7357	FNMA	2.500		20.0777		5,511,853		5,236,700
BU7359	FNMA	3.000		18.9727		5,024,146		4,542,220
BU7360	FNMA	3.000		18.5905		4,899,236		4,265,380
CI7950	GNMA II	3.000		19.3055		5,664,982		5,070,255
CI7951	GNMA II	3.000		19.3055		5,552,718		5,066,411
Subtotal						64,138,222		57,660,794
MBS Participa	ation Interest	(72.7264%)				46,645,420		41,934,620



2021 GHI, continued

		Pass-Through	Pri	ncipal Amount At	Pri	ncipal Amount	
Pool Number	r Pool Type	Interest Rate		Acquisition	Outstanding		
QD1048	FHLMC	3.000 %	\$	265,750	\$	252,651	
BU8589	FNMA	3.000		5,559,679		5,075,569	
BU8621	FNMA	3.000		2,552,400		1,965,345	
BU8640	FNMA	3.000		246,952		235,301	
BU8641	FNMA	3.000		5,068,182		4,822,088	
CE3830	GNMA II	2.750		736,185		697,826	
CI7665	GNMA II	3.000		722,128		686,738	
CI8075	GNMA II	3.000		5,045,073		4,800,501	
CI8076	GNMA II	3.000		5,691,122		5,151,726	
CI8077	GNMA II	3.000		5,215,175		4,652,423	
CI8287	GNMA II	3.000		5,541,926		5,268,317	
Subtotal				36,644,574		33,608,484	
MBS Partici	oation Interest	(47.7364%)		17,492,800		16,043,480	
2021 GHI To	otal		\$	174,790,691	\$	156,224,005	



2022AB

		Pass-Through	Pr	ncipal Amount At	Principal Amount
Pool Number	er Pool Type	Interest Rate		Acquisition	 Outstanding
QD1048	FHLMC	3.000 %	\$	265,750	\$ 252,651
BU8589	FNMA	3.000		5,559,679	5,075,569
BU8621	FNMA	3.000		2,552,400	1,965,345
BU8640	FNMA	3.000		246,952	235,301
BU8641	FNMA	3.000		5,068,182	4,822,088
CE3830	GNMA II	2.750		736,185	697,826
CI7665	GNMA II	3.000		722,128	686,738
CI8075	GNMA II	3.000		5,045,073	4,800,501
CI8076	GNMA II	3.000		5,691,122	5,151,726
CI8077	GNMA II	3.000		5,215,175	4,652,423
CI8287	GNMA II	3.000		5,541,926	 5,268,317
Subtotal				36,644,574	 33,608,484
MBS Partici	pation Interest	(52.2636%)		19,151,774	17,565,003



2022 AB, continued

22AB Participation Interest in the following Mortgage-Backed Securities (27.2736% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 22AB)

		Pass-Throu	ıgh			Principal Amount At	Pri	incipal Amount
Pool Number	Pool Type	Interest Ra	ate	Interest Participation	_	 Acquisition	(Outstanding
BT8595	FNMA	2.500	%	79.9223	%	\$ 5,384,346	\$	4,630,041
BT8632	FNMA	2.500		79.8643		5,179,853		3,997,331
BU2161	FNMA	2.500		79.8901		5,359,326		4,899,905
BU2162	FNMA	2.500		79.9223		5,532,788		4,947,684
BU2166	FNMA	3.000		81.4095		5,447,417		4,975,818
BU2167	FNMA	3.000		81.4095		5,068,916		4,825,756
BU7356	FNMA	2.500		79.9223		5,512,641		5,203,293
BU7357	FNMA	2.500		79.9223		5,511,853		5,236,700
BU7359	FNMA	3.000		81.0273		5,024,146		4,542,220
BU7360	FNMA	3.000		81.4095		4,899,236		4,265,380
CI7950	GNMA II	3.000		80.6945		5,664,982		5,070,255
CI7951	GNMA II	3.000		80.6945		5,552,718		5,066,411
Subtotal						64,138,222		57,660,794
MBS Participa	ation Interest ((27.2736%)				17,492,802		15,726,174



2022 AB, continued

Pool		Pass-Through	Principal Amount At	Pri	ncipal Amount
Number	Pool Type	Interest Rate	Acquisition	(Outstanding
QD1047	FHLMC	2.500 %	\$ 379,916	\$	361,704
QD3011	FHLMC	2.500	1,549,723		1,366,051
QD6113	FHLMC	3.000	635,146		449,707
QD7105	FHLMC	3.000	2,752,751		2,552,790
BT0702	FNMA	2.500	902,595		856,661
BT5348	FNMA	2.500	296,304		-
BT5861	FNMA	2.500	737,400		693,670
BT8601	FNMA	3.000	158,954		151,712
BU1507	FNMA	2.500	5,316,039		4,501,100
BU2164	FNMA	3.000	1,355,186		1,287,118
BU7366	FNMA	2.500	769,282		731,792
BU8583	FNMA	2.500	6,109,974		5,375,299
BU8588	FNMA	3.000	5,280,196		4,814,446
BU8638	FNMA	2.500	1,444,765		1,241,027
BV3244	FNMA	3.000	5,738,259		5,454,046
BV3246	FNMA	3.500	712,842		682,958
CI7968	GNMA II	3.000	1,271,831		1,212,014
CI7969	GNMA II	3.000	1,536,042		1,463,707
CI8070	GNMA II	2.625	186,927		177,273
CI8072	GNMA II	2.750	6,107,222		5,807,090
CI8571	GNMA II	2.750	696,217		453,985
CI8572	GNMA II	2.875	1,364,955		1,299,432
CI8573	GNMA II	3.000	5,180,178		4,283,081
CI8575	GNMA II	3.000	5,873,631		5,591,738
CI8576	GNMA II	3.125	3,090,158		2,833,559
CI8577	GNMA II	3.250	5,385,506		5,017,085
CI8578	GNMA II	3.250	6,326,696		5,782,441
Subtotal			71,158,696		64,441,485
MBS Particip	oation Interest ((33.3333%)	23,719,542		21,480,473



2022 AB, continued

22AB Participation Interest in the following Mortgage-Backed Securities (62.4950% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 22AB)

Pool		Pass-Through			I	Principal Amount At	Prin	cipal Amount
Number	Pool Type	Interest Rate	Interest Participation	_		Acquisition	0	utstanding
QD4901	FHLMC	3.000 %	34.4738	%	\$	5,650,073	\$	5,388,910
QD6112	FHLMC	3.000	33.4930			3,134,619		2,691,776
BU8643	FNMA	3.000	34.8823			1,791,630		1,706,696
BU8644	FNMA	3.000	32.5305			5,856,596		5,017,970
BV0840	FNMA	3.000	34.8823			4,330,490		3,921,209
BV0841	FNMA	3.000	32.3606			5,242,711		4,736,746
CE3640	GNMA II	3.000	36.2240			885,694		138,009
CI8074	GNMA II	3.000	36.2240			6,131,687		5,411,401
CI8285	GNMA II	2.875	37.6729			6,560,492		6,048,092
CI8286	GNMA II	3.000	36.2240			3,246,012		2,578,107
CI8288	GNMA II	3.000	36.2240			5,982,809		5,448,666
CI8289	GNMA II	3.125	34.8823			3,062,933		2,920,974
CI8290	GNMA II	3.125	34.8823			4,174,256		3,978,900
CI8291	GNMA II	3.250	33.6365			3,009,952		2,752,217
CI8292	GNMA II	3.250	33.6365			4,182,609		3,995,109
Subtotal						63,242,563		56,734,782
MBS Particip	ation Interest ((62.4950%)				39,523,440		35,456,402
2022 AB Tota	al				\$	99,887,557	\$	90,228,053



2022 CD

Pool Number Pool Type		Pass-Through	Pr	incipal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Rate		Acquisition	_	Outstanding	
QC6527	FHLMC	2.500 %	\$	449,647	9	428,311	
QC7292	FHLMC	2.500		1,142,199		924,204	
QD1046	FHLMC	3.000		1,146,954		1,093,670	
QD1050	FHLMC	3.000		131,853		125,900	
QD4900	FHLMC	2.500		614,982		581,864	
QD6111	FHLMC	2.500		229,207		218,267	
QD7104	FHLMC	2.500		226,075		215,157	
QD7887	FHLMC	3.500		418,698		400,951	
QD7888	FHLMC	3.000		250,492		239,453	
BT0703	FNMA	2.500		559,234		349,478	
BT5860	FNMA	2.500		504,372		472,654	
BT5864	FNMA	2.500		395,568		377,823	
BT8594	FNMA	2.500		813,044		504,021	
BT8638	FNMA	2.500		612,385		473,460	
BT8640	FNMA	2.500		210,866		200,915	
BU1559	FNMA	2.500		314,507		299,733	



2022 CD, continued

		Pass-Through	Pr	incipal Amount At	Principal Amount
Pool Number	Pool Type	Interest Rate		Acquisition	 Outstanding
BU6037	FNMA	2.500 %	\$	542,700	\$ 516,174
BU6039	FNMA	3.000		867,477	437,274
BU6040	FNMA	3.000		903,788	861,318
BU6041	FNMA	3.000		464,959	444,071
BU7368	FNMA	3.000		528,548	504,434
BU7369	FNMA	3.000		1,156,084	1,105,481
BU8639	FNMA	3.000		1,068,950	1,013,054
BU8645	FNMA	2.500		397,790	378,533
BU8646	FNMA	3.000		429,542	410,409
BV0838	FNMA	2.500		667,425	473,358
BV0842	FNMA	3.000		478,760	455,858
BV0843	FNMA	3.500		1,197,851	897,259
BV3243	FNMA	2.500		170,135	162,050
BV3247	FNMA	3.500		938,665	898,012
CE4038	GNMA II	3.000		832,220	588,684
CI7651	GNMA II	2.500		215,928	-
CI8082	GNMA II	3.000		1,244,027	 1,185,307
Subtotal				20,124,932	 17,237,136



2022 CD, continued

22CD Participation Interest in the following Mortgage-Backed Securities (66.6667% of the principal payments and 100% of the interest payments paid to 22CD)

Pool		Pass-Through	Principal Amount At	Pri	ncipal Amount
Number	Pool Type	Interest Rate	Acquisition		Outstanding
QD1047	FHLMC	2.500 %	\$ 379,916	\$	361,704
QD3011	FHLMC	2.500	1,549,723		1,366,051
QD6113	FHLMC	3.000	635,146		449,707
QD7105	FHLMC	3.000	2,752,751		2,552,790
BT0702	FNMA	2.500	902,595		856,661
BT5348	FNMA	2.500	296,304		-
BT5861	FNMA	2.500	737,400		693,670
BT8601	FNMA	3.000	158,954		151,712
BU1507	FNMA	2.500	5,316,039		4,501,100
BU2164	FNMA	3.000	1,355,186		1,287,118
BU7366	FNMA	2.500	769,282		731,792
BU8583	FNMA	2.500	6,109,974		5,375,299
BU8588	FNMA	3.000	5,280,196		4,814,446
BU8638	FNMA	2.500	1,444,765		1,241,027
BV3244	FNMA	3.000	5,738,259		5,454,046
BV3246	FNMA	3.500	712,842		682,958
CI7968	GNMA II	3.000	1,271,831		1,212,014
CI7969	GNMA II	3.000	1,536,042		1,463,707
CI8070	GNMA II	2.625	186,927		177,273
CI8072	GNMA II	2.750	6,107,222		5,807,090
CI8571	GNMA II	2.750	696,217		453,985
CI8572	GNMA II	2.875	1,364,955		1,299,432
CI8573	GNMA II	3.000	5,180,178		4,283,081
CI8575	GNMA II	3.000	5,873,631		5,591,738
CI8576	GNMA II	3.125	3,090,158		2,833,559
CI8577	GNMA II	3.250	5,385,506		5,017,085
CI8578	GNMA II	3.250	6,326,696		5,782,441
Subtotal			71,158,696		64,441,485
MBS Particip	ation Interest ((66.6667%)	47,439,154		42,961,011



2022 CD, continued

22CD Participation Interest in the following Mortgage-Backed Securities (37.5050% of the principal payments and the precentage of the interest payments shown for each MBS in the table below paid to 22CD)

Pool		Pass-Through			Principal Amount At	Pri	ncipal Amount
Number	Pool Type	Interest Rate	Interest Participation	_	Acquisition	(Outstanding
QD4901	FHLMC	3.000 %	65.5262	%	\$ 5,650,073	\$	5,388,910
QD6112	FHLMC	3.000	66.5070		3,134,619		2,691,776
BU8643	FNMA	3.000	65.1177		1,791,630		1,706,696
BU8644	FNMA	3.000	67.4695		5,856,596		5,017,970
BV0840	FNMA	3.000	65.1177		4,330,490		3,921,209
BV0841	FNMA	3.000	67.6394		5,242,711		4,736,746
CE3640	GNMA II	3.000	63.7760		885,694		138,009
CI8074	GNMA II	3.000	63.7760		6,131,687		5,411,401
CI8285	GNMA II	2.875	62.3271		6,560,492		6,048,092
CI8286	GNMA II	3.000	63.7760		3,246,012		2,578,107
CI8288	GNMA II	3.000	63.7760		5,982,809		5,448,666
CI8289	GNMA II	3.125	65.1177		3,062,933		2,920,974
CI8290	GNMA II	3.125	65.1177		4,174,256		3,978,900
CI8291	GNMA II	3.250	66.3635		3,009,952		2,752,217
CI8292	GNMA II	3.250	66.3635		4,182,609		3,995,109
Subtotal					63,242,563		56,734,782
MBS Participa	ation Interest ((37.5050%)			23,719,123		21,278,380



2022 CD, continued

22CD Participation Interest in the following Mortgage-Backed Securities (83.0255% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 22CD)

		Pass-Through			I	Principal Amount At	Pri	ncipal Amount
Pool Number	Pool Type	Interest Rate	Interest Participation	_		Acquisition		Outstanding
QD7886	FHLMC	3.000 %	47.0828	%	\$	1,940,567	\$	1,870,169
BT8596	FNMA	2.500	54.0586			5,212,543		5,024,083
BU2163	FNMA	2.500	54.0586			5,001,500		4,230,848
BU2169	FNMA	3.000	48.3357			3,925,195		3,793,513
BU8584	FNMA	3.000	51.9794			4,186,808		3,898,819
BU8585	FNMA	3.000	51.9794			4,343,924		3,758,120
BU8586	FNMA	3.000	51.9794			3,993,089		3,852,949
BU8587	FNMA	3.000	50.0543			3,488,034		3,198,884
BU8591	FNMA	3.000	45.0849			2,229,681		2,159,605
BU8642	FNMA	3.000	50.0543			4,360,089		4,210,356
BU8647	FNMA	3.000	44.5616			1,634,442		1,582,246
BV3245	FNMA	3.000	46.9389			4,311,696		4,040,466
CI8071	GNMA II	2.750	56.3111			4,948,548		3,979,527
CI8101	GNMA II	2.750	56.3111			4,073,973		3,683,840
CI8574	GNMA II	3.000	51.9794			4,214,133		3,848,588
					\$	57,864,223		53,132,012
MBS Participa	ation Interest	(83.0255%)				48,042,060		44,113,119



2022 CD, continued

22CD Participation Interest in the following Mortgage-Backed Securities (29.8183% of the principal payments and 0% of the interest payments paid to 22CD)

		Pass-Through	Principal Am	ount At	Prir	cipal Amount
Pool Number	Pool Type	Interest Rate	Acquisiti	on	C	utstanding
QD9761	FHLMC	3.500 %	\$ 5	521,286	\$	505,430
QE6934	FHLMC	5.000	2	212,481		207,873
QE6935	FHLMC	5.500	1	41,820		138,880
QF2316	FHLMC	5.500	4,9	39,998		4,270,904
QF2318	FHLMC	5.500	1	20,889		118,522
QF2320	FHLMC	5.500	1	34,862		-
QF3231	FHLMC	5.500	5,0	21,073		4,762,439
BU7367	FNMA	3.000	6	86,108		660,895
BU8650	FNMA	3.000	9	45,890		914,785
BU8651	FNMA	3.000	4	121,489		408,020
BV3248	FNMA	3.000	4	199,030		480,865
BV3250	FNMA	3.000	7	'99,181		774,043
BV5141	FNMA	3.000	6	527,023		607,510
BW5396	FNMA	5.000	1	99,336		194,712
BW5444	FNMA	5.500	6	314,120		601,145
BW5445	FNMA	5.500	2	208,161		203,942
BW6634	FNMA	4.500	2	262,391		255,131
BW6642	FNMA	5.000	2	245,935		-
BW7973	FNMA	4.000	1	64,707		159,740
BX0318	FNMA	5.500	4,2	209,710		4,118,618
BX0319	FNMA	5.500	5,5	599,046		5,482,935



2022 CD, continued

22CD Participation Interest in the following Mortgage-Backed Securities (29.8183% of the principal payments and 0% of the interest payments paid to 22CD)

		Pass-Through	Prir	ncipal Amount At	Pri	ncipal Amount
Pool Number	Pool Type	Interest Rate		Acquisition	Outstanding	
CI7955	GNMA II	2.750 %	\$	667,305	\$	643,642
CI8083	GNMA II	3.000		1,013,973		978,938
CI78580	GNMA II	3.000		822,903		795,168
CI78585	GNMA II	3.000		687,631		384,303
CL7356	GNMA II	3.250		996,671		964,487
CO8064	GNMA II	4.375		136,572		133,024
CO8066	GNMA II	5.250		532,242		520,353
CO8069	GNMA II	5.500		480,988		470,723
CO8231	GNMA II	3.500		65,171		63,189
CO8232	GNMA II	3.875		262,029		254,687
CO8233	GNMA II	5.000		584,909		571,449
CO8242	GNMA II	4.750		115,029		112,243
				32,939,959		30,758,594
MBS Participa	ation Interest	(29.8183%)		9,822,136		9,171,690
2022 CD Tota	ıl		\$	149,147,406	\$	134,761,337



2022 EF

	Pass-Through	Principal Amount At	Pri	ncipal Amount
Pool Number Pool Type	Interest Rate	Acquisition		Outstanding
QD8777 FHLMC	3.000 %		\$	181,530
QE4255 FHLMC	4.000	436,213		421,779
QE4256 FHLMC	4.500	182,845		177,432
QE4257 FHLMC	5.000	1,143,936		1,108,436
QE4258 FHLMC	5.500	527,160		513,508
QE4259 FHLMC	5.000	256,953		249,762
QE5024 FHLMC	4.500	525,680		508,770
QE5025 FHLMC	5.000	1,018,474		990,615
QE5026 FHLMC	5.000	188,938		183,792
QE5027 FHLMC	5.500	962,351		936,992
QE5991 FHLMC	4.500	209,107		203,155
QE5992 FHLMC	5.000	2,097,171		2,025,561
QE5993 FHLMC	5.500	853,043		830,726
QE5994 FHLMC	5.500	440,889		429,654
QE6929 FHLMC	5.500	709,505		689,520
QE6933 FHLMC	5.500	218,347		212,818
BU6038 FNMA	2.500	679,475		646,987
BU8592 FNMA	2.500	286,811		274,585
BU8593 FNMA	3.000	450,583		430,282
BU8594 FNMA	3.000	984,162		943,162
BU8596 FNMA	3.000	966,423		921,706
BU8649 FNMA	3.000	826,606		790,232
BV0845 FNMA	3.000	299,838		285,923
BV3249 FNMA	3.000	532,344		510,279
BV3331 FNMA	3.000	768,765		738,823
BV3332 FNMA	3.500	162,437		-
BV5138 FNMA	4.000	856,851		826,879



2022 EF, continued

	Pass-Through	Principal Amount At	Principal Amount
Pool Number Pool Type	Interest Rate	Acquisition	Outstanding
BV5139 FNMA	3.500 %	\$ 526,816	\$ 507,691
BV5140 FNMA	4.000	530,306	511,991
BW2124 FNMA	4.000	2,132,329	2,058,547
BW2125 FNMA	4.500	3,856,897	3,593,242
BW2126 FNMA	5.000	8,097,064	7,852,024
BW2127 FNMA	4.500	683,367	662,933
BW2128 FNMA	5.000	1,462,824	1,421,401
BW2129 FNMA	5.500	823,662	800,679
BW4002 FNMA	4.000	803,281	777,476
BW4003 FNMA	4.500	3,062,806	2,783,613
BW4004 FNMA	5.000	5,728,192	5,548,995
BW4005 FNMA	5.000	4,258,624	3,867,871
BW4006 FNMA	5.500	1,870,160	1,670,390
BW4007 FNMA	5.500	1,678,853	1,163,164
BW5391 FNMA	4.500	641,551	622,624
BW5392 FNMA	5.000	4,772,932	4,348,958
BW5393 FNMA	5.000	8,034,079	7,800,408
BW5394 FNMA	5.500	4,034,310	3,688,504
BW5395 FNMA	5.500	3,157,931	2,749,222
BW5438 FNMA	3.000	158,661	152,494
BW5439 FNMA	5.000	7,302,137	6,951,714
BW5440 FNMA	5.500	4,617,657	4,489,075
CI7964 GNMA II	2.750	1,007,505	961,422
CI8079 GNMA II	2.750	772,534	738,628
CI8293 GNMA II	2.750	620,180	517,842
CI8294 GNMA II	3.000	591,136	144,012
CI8296 GNMA II	3.125	845,250	810,780



2022 EF, continued

		Pass-Through	Р	rincipal Amount At			Principal Amount
Pool Number	Pool Type	Interest Rate		Acquisition			Outstanding
CI8297	GNMA II	3.250 %	\$	1,003,016	_	\$	747,011
CI8579	GNMA II	2.750		738,748			707,015
CI8582	GNMA II	3.000		773,190			739,606
CI8583	GNMA II	3.000		829,378			794,377
CI8584	GNMA II	3.000		800,147			766,511
CL7276	GNMA II	3.125		1,201,962			1,152,133
CL7353	GNMA II	3.000		593,745			426,292
CL7900	GNMA II	4.000		2,426,587			2,231,748
CL7901	GNMA II	4.375		2,372,299			2,293,826
CL7902	GNMA II	4.500		1,019,350			985,320
CL7903	GNMA II	4.625		3,891,537			3,769,070
CL7904	GNMA II	4.750		1,510,461			1,464,546
CL7905	GNMA II	4.875		3,422,561			3,319,107
CL7906	GNMA II	5.000		7,540,802			7,094,818
CL7907	GNMA II	5.250		3,879,815			3,768,395
CL7947	GNMA II	5.500		1,038,106			1,010,203
CO8054	GNMA II	3.875		111,387			107,602
CO8055	GNMA II	4.250		704,049			681,789
CO8056	GNMA II	4.625		1,682,585			1,629,937
CO8057	GNMA II	4.875		1,517,317			1,471,219
CO8058	GNMA II	5.000		5,028,042			4,715,698
CO8059	GNMA II	5.125		2,381,188			2,313,337
CO8060	GNMA II	5.250		5,966,273			5,499,604
CO8061	GNMA II	5.250		6,364,308			6,187,394
CO8062	GNMA II	5.375		553,964			539,445
CO8063	GNMA II	5.500		3,921,140			3,600,185
2022 EF Tota	ıl		\$	150,116,501	_	\$	141,244,792



2022 GH

Pass-Through	Principal Amount At	Principal Amount
Interest Rate	Acquisition	Outstanding
2.500 %	\$ 974,788	\$ 673,018
5.000	872,983	850,088
5.500	2,680,253	2,408,398
5.000	201,659	-
5.500	4,586,833	4,469,172
6.000	1,134,232	1,107,380
5.500	255,497	249,940
6.000	305,550	299,565
2.500	889,224	545,921
2.500	845,731	810,235
3.000	606,412	577,344
2.500	543,444	520,013
2.500	466,364	448,217
5.000	8,235,033	7,998,796
4.500	232,942	226,828
5.000	2,384,879	2,322,157
5.500	7,429,114	6,948,112
6.000	870,789	851,414
5.000	331,787	323,888
5.500	393,213	384,613
6.000	2,687,517	2,624,449
5.000	335,230	326,137
	Interest Rate 2.500 % 5.000 5.500 5.500 6.000 5.500 6.000 2.500 2.500 2.500 2.500 4.500 5.000 5.500 6.000 5.500 6.000 5.500 6.000 6.000	Interest Rate Acquisition 2.500 % \$ 974,788 5.000 872,983 5.500 5.500 2,680,253 2,680,253 5.000 201,659 4,586,833 6.000 1,134,232 5.500 5.500 255,497 6.000 6.000 305,550 289,224 2.500 889,224 2.500 845,731 3.000 606,412 2.500 543,444 2.500 466,364 5.000 8,235,033 4.500 232,942 5.000 232,942 5.500 7,429,114 6.000 870,789 5.500 393,213 6.000 2,687,517



2022 GH, continued

	Pass-Through	Principal Amount At	Prir	ncipal Amount
Pool Number Pool Type	Interest Rate	Acquisition	C	Outstanding
BW9092 FNMA	5.500 %	\$ 5,791,430	\$	5,505,119
BW9093 FNMA	5.500	5,095,152		4,855,257
BW9094 FNMA	6.000	1,003,125		982,042
BW9095 FNMA	5.500	604,541		591,033
BW9096 FNMA	6.000	1,911,431		1,871,546
CB2324 GNMA II	2.750	833,626		799,516
CB2731 GNMA II	2.500	832,484		799,045
CE3348 GNMA II	2.750	499,408		479,715
CE3637 GNMA II	2.500	379,500		364,308
CE3638 GNMA II	2.750	596,220		572,744
CI7663 GNMA II	2.750	1,064,851		1,023,363
CI7664 GNMA II	2.750	1,199,794		1,153,187
CI7667 GNMA II	3.000	1,195,099		1,149,073
CI8081 GNMA II	2.875	1,049,605		1,007,846
CO8471 GNMA II	4.125	268,556		260,517
CO8472 GNMA II	4.375	161,171		156,549
CO8473 GNMA II	5.250	562,466		546,686
CO8474 GNMA II	5.375	711,169		688,637
CO8475 GNMA II	5.500	5,585,071		5,450,192
CO8476 GNMA II	5.500	4,100,271		4,002,603
CO8477 GNMA II	5.625	5,204,742		4,943,849
CO8478 GNMA II	5.750	4,227,658		4,130,465
CO8479 GNMA II	5.750	4,302,373		4,200,019
CO8480 GNMA II	5.875	1,655,099		1,615,661
CO8481 GNMA II	6.000	994,724		968,220



2022 GH, continued

		Pass-Through	Principal Amount	At	Principal Amount
Pool Number	Pool Type	Interest Rate	Acquisition		Outstanding
QF0906	FHLMC	5.500 %	\$ 5,841,9	82 \$	5,445,294
QF0907	FHLMC	6.000	433,8	08	423,495
QF1526	FHLMC	5.500	1,431,2	22	1,398,845
QF1527	FHLMC	6.000	1,088,7	15	1,067,165
BW2130	FNMA	4.000	905,8	88	879,743
BW4008	FNMA	4.500	74,5	74	72,573
BW9097	FNMA	4.500	259,8	21	252,969
BW9149	FNMA	5.000	307,8	83	300,860
BW9150	FNMA	5.500	6,864,4	27	6,694,392
BW9151	FNMA	6.000	997,7	66	969,234
BW9152	FNMA	5.500	246,6	07	241,082
BW9153	FNMA	6.000	1,944,8	75	1,664,468
BX0303	FNMA	5.500	5,281,1	08	4,790,013
BX0304	FNMA	5.500	2,130,5	21	2,081,259
BX0305	FNMA	5.500	1,815,2	38	1,771,766
BX0306	FNMA	5.500	1,366,3	11	1,337,278
BX0307	FNMA	5.500	919,9	86	896,157
BX0308	FNMA	6.000	1,198,3	39	1,175,081
CL7357	GNMA II	3.375	854,5	11	826,326
CL7952	GNMA II	5.125	944,3	08	730,205
CO8652	GNMA II	5.250	237,0	66	229,745
CO8653	GNMA II	5.375	8,086,8	59	7,281,987
CO8654	GNMA II	5.500	6,729,3	13	6,215,611
CO8655	GNMA II	5.625	5,733,5	06	5,609,217
CO8656	GNMA II	5.750	6,526,3	43	6,384,405
CO8657	GNMA II	5.875	694,0	21	677,773
2022 GH Tota	al		\$ 150,008,0	37 \$	142,499,821



2022 IJK

		Pass-Through	Principal Amount At	Principal Amount		
Pool Number	Pool Type	Interest Rate	Acquisition	Out	Outstanding	
QF2317	FHLMC	6.000 %	\$ 686,516	\$	670,897	
QF2319	FHLMC	6.000	968,580		950,167	
QF3232	FHLMC	6.000	1,283,176		1,255,333	
QF3234	FHLMC	5.500	213,192		208,864	
BX0320	FNMA	6.000	695,867		682,591	
BX0321	FNMA	5.500	483,080		473,199	
BX0322	FNMA	6.000	1,101,258		1,081,020	
BX1462	FNMA	5.500	5,779,847		5,433,755	
BX1463	FNMA	6.000	2,974,517		2,696,917	
BX1464	FNMA	6.500	282,429		277,421	
BX1465	FNMA	5.500	353,556		346,666	
BX1466	FNMA	6.000	1,558,083		1,529,057	
BX1467	FNMA	6.500	1,297,434		1,275,343	
2022 IJK Total		•	17,677,535		16,881,228	



2022 IJK, cont.

22IJK Participation Interest in the following Mortgage-Backed Securities (70.1817% of the principal payments and 100% of the interest payments paid to 22IJK)

Pool Number Pool Type		Pass-Through	Principal Amount At Acquisition			Principal Amount Outstanding	
Poor Number	Poor Type	Interest Rate		<u> </u>			
QD9761	FHLMC	3.500 %	\$	521,286	\$	505,430	
QE6934	FHLMC	5.000		212,481		207,873	
QE6935	FHLMC	5.500		141,820		138,880	
QF2316	FHLMC	5.500		4,939,998		4,270,904	
QF2318	FHLMC	5.500		120,889		118,522	
QF2320	FHLMC	5.500		134,862		· -	
QF3231	FHLMC	5.500		5,021,073		4,762,439	
BU7367	FNMA	3.000		686,108		660,895	
BU8650	FNMA	3.000		945,890		914,785	
BU8651	FNMA	3.000		421,489		408,020	
BV3248	FNMA	3.000		499,030		480,865	
BV3250	FNMA	3.000		799,181		774,043	
BV5141	FNMA	3.000		627,023		607,510	
BW5396	FNMA	5.000		199,336		194,712	
BW5444	FNMA	5.500		614,120		601,145	
BW5445	FNMA	5.500		208,161		203,942	
BW6634	FNMA	4.500		262,391		255,131	
BW6642	FNMA	5.000		245,935		· -	
BW7973	FNMA	4.000		164,707		159,740	
BX0318	FNMA	5.500		4,209,710		4,118,618	
BX0319	FNMA	5.500		5,599,046		5,482,935	



2022 IJK, cont.

22IJK Participation Interest in the following Mortgage-Backed Securities (70.1817% of the principal payments and 100% of the interest payments paid to 22IJK)

		Pass-Through	Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Rate		Acquisition	 Outstanding	
CI7955	GNMA II	2.750 %	\$	667,305	\$ 643,642	
CI8083	GNMA II	3.000		1,013,973	978,938	
CI78580	GNMA II	3.000		822,903	795,168	
CI78585	GNMA II	3.000		687,631	384,303	
CL7356	GNMA II	3.250		996,671	964,487	
CO8064	GNMA II	4.375		136,572	133,024	
CO8066	GNMA II	5.250		532,242	520,353	
CO8069	GNMA II	5.500		480,988	470,723	
CO8231	GNMA II	3.500		65,171	63,189	
CO8232	GNMA II	3.875		262,029	254,687	
CO8233	GNMA II	5.000		584,909	571,449	
CO8242	GNMA II	4.750		115,029	 112,243	
				32,939,959	 30,758,594	
MBS Participation Interest (70.1817%)				23,117,823	21,586,904	



2022 IJK, cont.

22IJK Participation Interest in the following Mortgage-Backed Securities (16.9745% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 22IJK)

		Pass-Through			Principal Amount At	Pri	ncipal Amount
Pool Number	Pool Type	Interest Rate	Interest Participation		Acquisition	(Outstanding
QD7886	FHLMC	3.000 %	52.9172	%	\$ 1,940,567	\$	1,870,169
BT8596	FNMA	2.500	45.9414		5,212,543		5,024,083
BU2163	FNMA	2.500	45.9414		5,001,500		4,230,848
BU2169	FNMA	3.000	51.6643		3,925,195		3,793,513
BU8584	FNMA	3.000	48.0206		4,186,808		3,898,819
BU8585	FNMA	3.000	48.0206		4,343,924		3,758,120
BU8586	FNMA	3.000	48.0206		3,993,089		3,852,949
BU8587	FNMA	3.000	49.9457		3,488,034		3,198,884
BU8591	FNMA	3.000	54.9151		2,229,681		2,159,605
BU8642	FNMA	3.000	49.9457		4,360,089		4,210,356
BU8647	FNMA	3.000	55.4384		1,634,442		1,582,246
BV3245	FNMA	3.000	53.0611		4,311,696		4,040,466
CI8071	GNMA II	2.750	43.6889		4,948,548		3,979,527
CI8101	GNMA II	2.750	43.6889		4,073,973		3,683,840
CI8574	GNMA II	3.000	48.0206		4,214,133		3,848,588
					57,864,223		53,132,012
MBS Participation Interest (16.9745%)					9,822,162		9,018,893



2022 IJK, cont.

22IJK Participation Interest in the following Mortgage-Backed Securities (33.3335% of the principal payments and 0% of the interest payments paid to 22IJK)

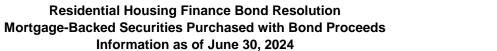
		Pass-Through	Principal Amount At		Prir	ncipal Amount
Pool Number	Pool Type	Interest Rate	Acquisi	tion	C	Outstanding
BX2996	FNMA	7.000 %	\$ 4	,119,825	\$	4,054,762
BX5528	FNMA	7.000	4	,245,300		3,954,306
BX5529	FNMA	7.000	5	,339,415		5,260,620
BX5530	FNMA	7.000	3	,426,062		3,379,598
BX5802	FNMA	6.000		973,341		958,523
BX5804	FNMA	7.000	2	,105,566		2,078,508
BX5805	FNMA	7.500		408,070		402,771
C08248	GNMA II	5.750		968,984		948,846
C08850	GNMA II	6.375		282,381		-
CS1579	GNMA II	6.750	3	,714,784		3,660,475
CS1742	GNMA II	6.625	3	,974,612		2,824,065
		-	29	,558,340		27,522,472
MBS Participation Interest (33.3335%)			9	,852,829		9,174,203



2022 IJK, cont.

22IJK Participation Interest in the following Mortgage-Backed Securities (79.9980% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 22IJK)

		Pass-Through			Principal Amount At	Ρ	rincipal Amount
Pool Number	Pool Type	Interest Rate	Interest Participation	=	 Acquisition		Outstanding
QF3868	FHLMC	5.500 %	70.7563	%	\$ 926,967	\$	911,105
QF3869	FHLMC	6.000	66.4398		775,697		762,794
QF3872	FHLMC	6.500	60.5816		1,502,409		1,480,618
QF4519	FHLMC	6.000	65.0581		1,250,607		994,515
QF4520	FHLMC	6.500	60.1243		1,502,592		1,481,358
QF4521	FHLMC	7.000	57.9755		2,165,790		1,944,574
BX2761	FNMA	5.500	69.9804		2,779,820		2,732,252
BX2762	FNMA	6.000	65.6454		3,374,918		3,318,943
BX2763	FNMA	6.500	60.3998		2,654,548		2,263,102
BX2994	FNMA	6.000	65.5434		1,955,697		1,746,284
BX2995	FNMA	6.500	60.5733		5,135,629		4,794,775
CO8834	GNMA II	5.375	74.9817		2,965,032		2,909,753
CO8835	GNMA II	5.500	73.3516		2,919,449		2,866,835
CO8836	GNMA II	5.625	71.7910		6,915,736		6,784,438
CO8837	GNMA II	5.750	70.2953		1,929,588		1,655,229
CO8838	GNMA II	5.875	68.8607		5,677,669		5,567,514





2022 IJK, cont.

22IJK Participation Interest in the following Mortgage-Backed Securities (79.9980% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 22IJK)

		Pass-Through			Principal Amount At	Prir	ncipal Amount
Pool Number	Pool Type	Interest Rate	Interest Participation		 Acquisition	C	Outstanding
CO8839	GNMA II	6.000 %	67.4835	%	\$ 601,169	\$	367,824
CO8840	GNMA II	6.125	65.8916		1,479,505		1,454,576
CO8841	GNMA II	6.375	63.6637		413,425		407,223
CO8842	GNMA II	6.500	62.4847		1,014,086		999,079
CO8843	GNMA II	6.625	61.3486		755,882		269,268
CO8844	GNMA II	6.750	60.2531		552,519		-
					49,248,732		45,712,059
MBS Participation Interest (79.9980%)					39,398,001		36,568,733
2022 IJK Tota	al				\$ 99,868,351	\$	93,229,962



2022 LMN

		Pass-Through	Principal Amount At	Principal Amount	
Pool Number	Pool Type	Interest Rate	Acquisition		Outstanding
QE7875	FHLMC	5.000 %	\$ 170,764	\$	167,244
QE8889	FHLMC	5.000	333,039		325,954
QF4518	FHLMC	5.500	383,011		375,511
BW5442	FNMA	5.000	757,427		737,983
BW5443	FNMA	5.000	727,442		712,320
BW7981	FNMA	5.500	757,122		736,568
BW7982	FNMA	5.500	672,072		659,550
BW9098	FNMA	5.000	131,381		128,647
BX0311	FNMA	6.000	265,789		261,247
BX1469	FNMA	6.000	430,770		423,192
CL7358	GNMA II	3.500	888,379		862,898
CO8067	GNMA II	5.250	742,111		726,442
CO8243	GNMA II	5.250	878,612		858,620
CO8245	GNMA II	5.375	267,874		-
CO8246	GNMA II	5.500	889,646		870,969
CO9011	GNMA II	5.375	562,509		551,177
CO9012	GNMA II	5.625	1,849,785		1,813,613
CO9013	GNMA II	5.875	2,099,342		2,055,263
CO9014	GNMA II	6.000	1,521,409		1,494,025
CS1740	GNMA II	6.875	1,797,629		1,578,257
CS1741	GNMA II	6.750	2,140,954		2,107,679
CS1743	GNMA II	6.500	3,249,127		3,067,076
CS1744	GNMA II	6.375	810,721		797,148
CS1745	GNMA II	6.250	674,197		662,592
CS1746	GNMA II	6.125	988,534		404,782
QF6090	FHLMC	6.000	511,457		503,093



	Pass-Through	Principal Amount At	Pr	incipal Amount
Pool Number Pool Type	Interest Rate	Acquisition		Outstanding
QF6091 FHLMC	6.500 %	\$ 1,923,694	\$	1,891,230
QF6092 FHLMC	7.000	3,086,477		3,041,829
BX5525 FNMA	5.500	161,185		158,376
BX5526 FNMA	6.000	1,788,087		1,756,217
BX5527 FNMA	6.500	3,162,204		3,107,652
BX5531 FNMA	7.500	449,018		443,297
CS1577 GNMA II	7.000	3,041,089		2,751,072
CS1578 GNMA II	6.875	1,240,208		1,128,460
CS1581 GNMA II	6.500	3,136,768		2,724,895
CS1582 GNMA II	6.375	1,244,262		1,223,580
CS1583 GNMA II	6.250	1,787,287		1,752,070
CS1584 GNMA II	6.125	525,135		314,824
QE8890 FHLMC	5.500	682,122		669,121
QF2321 FHLMC	6.000	357,050		349,186
QF3873 FHLMC	5.500	141,803		139,313
QF6093 FHLMC	7.000	302,415		298,274
QF6867 FHLMC	6.000	268,000		262,333
QF6868 FHLMC	6.500	518,828		509,161
QF6869 FHLMC	7.000	865,078		853,335
BW9100 FNMA	6.000	337,910		332,181
BW9154 FNMA	5.500	681,547		665,167
BX0309 FNMA	5.000	96,979		94,877
BX0323 FNMA	5.500	898,654		880,600
BX0324 FNMA	5.500	704,460		691,968
BX1468 FNMA	5.500	191,423		182,965



		Pass-Through	Pr	rincipal Amount At	Principal Amount	
Pool Number	Pool Type	Interest Rate		Acquisition	 Outstanding	
BX2764	FNMA	5.500 %	\$	493,263	\$ 484,386	
BX2766	FNMA	7.000		437,593	429,843	
BX2997	FNMA	5.500		168,922	165,739	
BX2998	FNMA	6.000		310,500	305,301	
BX2999	FNMA	6.500		626,798	615,527	
BX5532	FNMA	7.000		865,775	854,109	
BX5827	FNMA	6.500		3,346,703	3,002,092	
CL7948	GNMA II	3.750		688,433	665,736	
C08482	GNMA II	5.375		101,566	99,590	
C08658	GNMA II	5.375		564,025	552,789	
C08659	GNMA II	5.500		466,783	457,882	
C08661	GNMA II	5.625		1,107,790	1,087,204	
C08662	GNMA II	5.750		1,001,224	980,780	
C08846	GNMA II	5.500		972,310	953,731	
C08848	GNMA II	5.625		1,250,097	1,227,508	
C08851	GNMA II	6.500		631,225	621,555	
CS1739	GNMA II	5.250		263,487	129,138	
QF6870	FHLMC	6.000		244,646	241,023	
QF6871	FHLMC	6.500		788,297	777,661	
QF8414	FHLMC	6.500		2,161,182	2,127,355	
BX5807	FNMA	6.500		696,303	685,162	
BX7457	FNMA	7.000		1,690,934	1,668,264	
CO8244	GNMA II	5.250		888,026	871,063	



		Pass-Through	Principal Amount At	F	Principal Amount
Pool Number	Pool Type	Interest Rate	Acquisition		Outstanding
CO8660	GNMA II	5.625 %	\$ 938,175	\$	921,860
CS1385	GNMA II	6.750	357,798		352,782
CS1388	GNMA II	6.750	524,863		516,406
CS1389	GNMA II	6.625	832,056		535,413
CS1390	GNMA II	6.500	1,667,437		1,642,150
CS1391	GNMA II	6.375	837,063		823,708
CS1392	GNMA II	6.250	1,061,041		808,820
CS1393	GNMA II	6.125	1,204,242		1,185,011
CS1395	GNMA II	5.875	1,205,314		1,182,676
CS1396	GNMA II	5.750	2,039,156		2,004,480
CS1397	GNMA II	5.625	445,812		438,231
CS1573	GNMA II	6.750	783,610		770,687
CS1574	GNMA II	6.500	942,373		927,721
CS1575	GNMA II	6.250	517,047		507,415
CS1735	GNMA II	6.750	1,030,830		798,514
CS1737	GNMA II	6.500	831,845		401,709
QF8415	FHLMC	6.000	325,037		320,459
QF9252	FHLMC	5.500	227,030		223,574
QF9253	FHLMC	6.000	1,050,182		1,033,339
QF9254	FHLMC	6.500	769,921		759,619
QF9255	FHLMC	7.000	239,974		237,192
BW4010	FNMA	5.000	1,038,474		1,018,667
BW4011	FNMA	5.000	563,041		552,382



		Pass-Through	Principal Amount At	Prin	cipal Amount
Pool Number Pool Type		Interest Rate	Acquisition	Outstanding	
BX7458	FNMA	6.000 %	\$ 410,887	\$	405,140
BX7516	FNMA	5.500	561,746		553,257
BX7517	FNMA	6.000	4,914,399		4,562,847
CS1387	GNMA II	5.625	221,192		216,142
CS1736	GNMA II	6.625	990,550		836,561
Subtotal		,	98,389,759		92,644,026



2022 LMN, cont.

22LMN Participation Interest in the following Mortgage-Backed Securities (66.665% of the principal payments and 100% of the interest payments paid to 22LMN)

		Pass-Through	Principal Amount At	Princ	Principal Amount			
Pool Number	Pool Type	Interest Rate	Acquisition	Ou	ıtstanding			
BX2996	FNMA	7.000 %	\$ 4,119,825	\$	4,054,762			
BX5528	FNMA	7.000	4,245,300		3,954,306			
BX5529	FNMA	7.000	5,339,415		5,260,620			
BX5530	FNMA	7.000	3,426,062		3,379,598			
BX5802	FNMA	6.000	973,341		958,523			
BX5804	FNMA	7.000	2,105,566		2,078,508			
BX5805	FNMA	7.500	408,070		402,771			
C08248	GNMA II	5.750	968,984		948,846			
C08850	GNMA II	6.375	282,381		-			
CS1579	GNMA II	6.750	3,714,784		3,660,475			
CS1742	GNMA II	6.625	3,974,612		2,824,065			
		•	29,558,340		27,522,472			
MBS Participa	ation Interest	(66.6665%)	19,705,510		18,348,269			



2022 LMN, cont.

22LMN Participation Interest in the following Mortgage-Backed Securities (20.0020% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 22LMN)

D 1N 1	D 1.T	Pass-Through			Principal Amount At	Ρ	rincipal Amount
Pool Number	Pool Type	Interest Rate	Interest Participation		 Acquisition		Outstanding
QF3868	FHLMC	5.500 %	29.2437	%	\$ 926,967	\$	911,105
QF3869	FHLMC	6.000	33.5602		775,697		762,794
QF3872	FHLMC	6.500	39.4184		1,502,409		1,480,618
QF4519	FHLMC	6.000	34.9419		1,250,607		994,515
QF4520	FHLMC	6.500	39.8757		1,502,592		1,481,358
QF4521	FHLMC	7.000	42.0245		2,165,790		1,944,574
BX2761	FNMA	5.500	30.0196		2,779,820		2,732,252
BX2762	FNMA	6.000	34.3546		3,374,918		3,318,943
BX2763	FNMA	6.500	39.6002		2,654,548		2,263,102
BX2994	FNMA	6.000	34.4566		1,955,697		1,746,284
BX2995	FNMA	6.500	39.4267		5,135,629		4,794,775
CO8834	GNMA II	5.375	25.0183		2,965,032		2,909,753
CO8835	GNMA II	5.500	26.6484		2,919,449		2,866,835
CO8836	GNMA II	5.625	28.2090		6,915,736		6,784,438
CO8837	GNMA II	5.750	29.7047		1,929,588		1,655,229



2022 LMN, cont.

22LMN Participation Interest in the following Mortgage-Backed Securities (20.0020% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 22LMN)

		Pass-Through)			Principal Amount At	Pri	ncipal Amount
Pool Number	Pool Type	Interest Rate		Interest Participation		 Acquisition	(Outstanding
CO8838	GNMA II	5.875	%	31.1393	%	\$ 5,677,669	\$	5,567,514
CO8839	GNMA II	6.000		32.5165		601,169		367,824
CO8840	GNMA II	6.125		34.1084		1,479,505		1,454,576
CO8841	GNMA II	6.375		36.3363		413,425		407,223
CO8842	GNMA II	6.500		37.5153		1,014,086		999,079
CO8843	GNMA II	6.625		38.6514		755,882		269,268
CO8844	GNMA II	6.750		39.7469		552,519		-
						49,248,732		45,712,059
MBS Participa	ation Interest	(20.0020%)				9,850,731		9,143,326



2022 LMN, cont.

22LMN Participation Interest in the following Mortgage-Backed Securities (66.6132% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 22LMN)

		Pass-Through			F	Principal Amount At	Prir	ncipal Amount
Pool Number	Pool Type	Interest Rate	Interest Participation		-	Acquisition		Outstanding
CS1580 QF8413	GNMA II FHLMC	6.625 % 6.000	41.1293 43.8870	%	\$	4,647,234 4,016,763	\$	3,947,792 3,763,650
BX7454	FNMA	6.000	44.4807			5,055,777		4,978,845
BX7455	FNMA	6.000	43.2096			4,666,155		4,607,774
BX7456	FNMA	6.500	41.3277			3,852,806		3,804,284
					\$	22,238,734		21,102,344
MBS Participa	ation Interest	(66.6132%)				14,813,933		14,056,947





2022 LMN, cont.

Information as of June 30, 2024

22LMN Participation Interest in the following Mortgage-Backed Securities (33.4984% of the principal payments and 0% of the interest payments paid to 22LMN)

		Pass-Through	Pr	incipal Amount At	Principal Amount			
Pool Number	Pool Type	Interest Rate		Acquisition		Outstanding		
QF0908	FHLMC	5.500 %	\$	835,057	\$	823,200		
QG1857	FHLMC	6.500		882,569		869,909		
BX7522	FNMA	6.000		4,862,745		4,801,070		
BY0619	FNMA	6.000		6,736,807		6,648,092		
CS1015	GNMA II	5.875		4,485,861		4,425,198		
CS1016	GNMA II	5.750		4,361,633		4,291,831		
			\$	22,164,673		21,859,301		
MBS Participation Interest (33.4984%)				7,424,811		7,322,516		
2022 LMN Total		\$	150,184,744	\$	141,515,084			



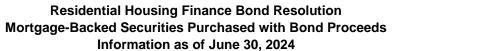
2023 ABC

		Pass-Through	Pr	rincipal Amount At	Principal Amount		
Pool Number	Pool Type	Interest Rate		Acquisition	 Outstanding		
QF9256	FHLMC	6.000 %	\$	277,508	\$ 272,090		
QG1854	FHLMC	5.500		347,119	342,224		
QG1855	FHLMC	6.000		1,103,800	1,088,179		
QG1856	FHLMC	6.500		1,557,051	1,537,756		
QG2812	FHLMC	6.000		1,762,590	1,727,838		
QG2813	FHLMC	6.500		3,740,224	3,538,373		
BX7459	FNMA	6.500		407,077	401,851		
BX7525	FNMA	6.000		554,917	547,251		
BY0623	FNMA	6.500		189,829	187,511		
BY1156	FNMA	5.500		978,615	964,724		
BY1157	FNMA	6.000		1,030,169	1,015,991		
BY1158	FNMA	6.500		3,226,363	3,185,771		
BY1159	FNMA	6.000		97,000	95,698		
BY2076	FNMA	6.000		1,648,538	1,620,727		
BY2077	FNMA	6.500		2,950,876	2,888,530		
BY2078	FNMA	7.000		289,836	286,896		



2023 ABC, Cont.

Pool Number Pool Type		Pass-Through	Principal Amount At	Principal Amount		
		Interest Rate	Acquisition		utstanding	
CS1196	GNMA II	6.125 %	\$ 770,462	\$	758,711	
CL7355	GNMA II	3.250	805,779		786,157	
CL7950	GNMA II	4.500	1,326,449		1,301,844	
CL7951	GNMA II	5.000	1,356,709		1,332,836	
CO8065	GNMA II	5.000	388,140		381,318	
CO8483	GNMA II	5.500	720,972		508,023	
CO8845	GNMA II	5.375	503,949		324,960	
CO8847	GNMA II	5.625	991,274		976,044	
CS1010	GNMA II	5.500	670,186		660,370	
CS1011	GNMA II	6.375	1,044,508		1,030,244	
CS1012	GNMA II	6.250	1,105,183		1,090,573	
CS1013	GNMA II	6.125	2,399,821		2,200,356	
CS1014	GNMA II	6.000	3,209,342		3,163,513	
CS1017	GNMA II	5.625	4,092,736		4,027,580	
CS1018	GNMA II	5.500	3,480,448		3,419,900	
CS1191	GNMA II	6.625	165,822		162,306	
CS1192	GNMA II	5.875	924,124		910,547	
CS1193	GNMA II	5.875	599,494		589,972	
CS1576	GNMA II	5.875	794,980		781,881	
Subtotal		•	45,511,890		44,108,544	

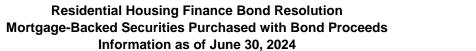




2023 ABC, cont.

23ABC Participation Interest in the following Mortgage-Backed Securities (66.5016% of the principal payments and 100% of the interest payments paid to 23ABC)

		Pass-Through				Principal Amount At			
Pool Number Pool Type		Interest Rate		Interest Participation	_	Acquisition			
QF0908	FHLMC	5.500 %	ó	\$ 835,057		\$	823,200		
QG1857	FHLMC	6.500		882,569			869,909		
BX7522	FNMA	6.000		4,862,745			4,801,070		
BY0619	FNMA	6.000		6,736,807			6,648,092		
CS1015	GNMA II	5.875		4,485,861			4,425,198		
CS1016	GNMA II	5.750		4,361,633			4,291,831		
				\$ 22,164,673	_		21,859,301		
MBS Participa	ation Interest	(66.5016%)	14,739,862			14,536,785			





2023 ABC, cont.

23ABC Participation Interest in the following Mortgage-Backed Securities (33.3868% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 23ABC)

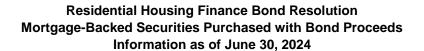
		Pass-Through	1			F	Principal Amount At	Р	rincipal Amount
Pool Number	Pool Type	Interest Rate		Interest Participation			Acquisition		Outstanding
CS1580	GNMA II	6.625	%	58.8707	%	\$	4,647,234	\$	3,947,792
QF8413	FHLMC	6.000		56.1130			4,016,763		3,763,650
BX7454	FNMA	6.000		55.5193			5,055,777		4,978,845
BX7455	FNMA	6.000		56.7904			4,666,155		4,607,774
BX7456	FNMA	6.500		58.6723			3,852,806		3,804,284
						\$	22,238,734		21,102,344
MBS Participa	ation Interest	(33.3868%)					7,424,802		7,045,398



2023 ABC, cont.

23ABC Participation Interest in the following Mortgage-Backed Securities (66.5016% of the principal payments and 100% of the interest payments paid to 23ABC)

	Pass-Through			Principal Amount At	Pr	incipal Amount
Pool Number Pool Type	Interest Rate	Interest Participation		 Acquisition		Outstanding
QF2322 FHLMC	6.000 %	37.7304	%	\$ 336,157	\$	331,734
QF9995 FHLMC	5.500	40.0404		1,286,907		1,271,491
QF9996 FHLMC	6.000	38.2542		1,859,877		1,839,380
QF9998 FHLMC	5.500	40.0404		122,894		121,634
QG1069 FHLMC	5.500	40.0404		763,716		755,351
QG1072 FHLMC	6.000	38.0878		3,217,244		3,182,279
QG1073 FHLMC	6.500	36.0552		796,829		789,215
BU8595 FNMA	3.000	70.7581		1,028,343		1,008,953
BV5142 FNMA	3.500	60.2426		358,103		352,471
BW4012 FNMA	5.000	45.2319		560,376		552,710
BW4013 FNMA	5.500	42.6517		517,851		511,853
BW7980 FNMA	5.000	44.4450		658,974		650,117
BW9099 FNMA	5.500	39.9296		375,206		371,202
BW9155 FNMA	5.500	40.2904		902,387		892,053
BX0310 FNMA	5.500	40.7862		1,015,303		1,003,895
BX2765 FNMA	6.000	38.4702		512,501		506,658
BX7521 FNMA	5.500	40.0404		2,066,524		2,044,635
BX7523 FNMA	6.500	36.3330		492,582		488,087
BX7524 FNMA	5.500	40.0404		321,414		318,119
BY0618 FNMA	5.500	40.0404		1,934,239		1,913,952
BY0620 FNMA	6.500	36.2578		1,987,552		1,968,954





2023 ABC, cont.

23ABC Participation Interest in the following Mortgage-Backed Securities (66.5016% of the principal payments and 100% of the interest payments paid to 23ABC)

		Pass-Through	1			I	Principal Amount At	Pı	rincipal Amount
Pool Number	Pool Type	Interest Rate		Interest Participation			Acquisition		Outstanding
CL7354	GNMA II	3.000	%	75.4608	%	\$	555,665	\$	543,007
CS1195	GNMA II	6.375		36.2417			736,820		575,300
CS1197	GNMA II	6.000		39.2396			1,211,834		1,199,404
CS1198	GNMA II	5.875		40.0404			2,949,942		2,918,812
CS1199	GNMA II	5.750		40.8746			3,658,695		3,597,741
CS1200	GNMA II	5.500		42.4892			2,471,451		2,444,389
							32,699,386		32,153,397
MBS Participa	ation Interest	(66.5016%)					21,745,615		21,382,523



2023 ABC, cont.

23ABC Participation Interest in the following Mortgage-Backed Securities (20.0000% of the principal payments and 0% of the interest payments paid to 23ABC)

Pool Number Pool Type Interest Rate		Pass-Through Interest Rate	Prir	ncipal Amount At Acquisition	incipal Amount Outstanding
QG4016	FHLMC	6.500 %	\$	807,842	\$ 799,750
QG7838	FHLMC	6.000		3,237,884	3,204,479
QG7839	FHLMC	6.500		6,420,282	6,356,149
BY5992	FNMA	6.000		5,404,996	5,037,397
BY6027	FNMA	6.000		3,670,616	3,606,810
BY6028	FNMA	6.500		5,406,215	5,351,524
BY6029	FNMA	6.500		3,385,561	3,351,280
CV0231	GNMA II	5.875		4,653,187	4,597,481
CV0232	GNMA II	6.000		6,854,931	6,635,132
CV0233	GNMA II	6.125		4,634,960	4,247,920
CV0234	GNMA II	6.250		7,698,767	7,616,196
CV0469	GNMA II	6.125		2,654,559	2,175,729
				54,829,800	 52,979,849
MBS Participation Interest (20.0000%)				10,965,960	10,595,970
2023 ABC Total		\$	100,388,128	\$ 97,669,219	



2023 DE

		Pass-Through	Pr	incipal Amount At	Principal Amount		
Pool Number	Pool Type	Interest Rate		Acquisition	 Outstanding		
QG2814	FHLMC	6.500 %	\$	529,962	\$ 524,003		
QG4013	FHLMC	6.000		3,918,030	3,867,795		
QG4014	FHLMC	6.500		3,791,617	3,748,723		
QG4901	FHLMC	6.000		4,627,213	4,420,349		
QG4902	FHLMC	6.500		2,948,573	2,915,233		
QG4905	FHLMC	6.000		234,265	231,676		
QG6878	FHLMC	6.000		5,168,807	5,104,635		
QG6880	FHLMC	6.000		6,484,687	6,407,677		
QG6887	FHLMC	6.500		6,475,567	6,095,543		
QG6889	FHLMC	6.000		892,592	883,476		
BY0622	FNMA	6.000		790,077	779,539		
BY2079	FNMA	6.000		228,958	226,288		
BY2110	FNMA	6.000		3,934,097	3,882,497		
BY2111	FNMA	6.000		4,738,635	4,674,307		
BY2112	FNMA	6.500		5,181,400	5,118,885		
BY3823	FNMA	6.000		419,535	412,656		
BY3824	FNMA	6.000		685,775	678,000		
BY3825	FNMA	6.500		457,362	452,492		
BY3889	FNMA	6.000		6,008,434	5,917,949		
BY3890	FNMA	6.500		3,239,977	3,200,772		



2023 DE, Cont.

Interest Rate	Acquisition	Outoto a dia a		
	- 1	Outstanding		
6.000 %	\$ 7,868,099	\$ 7,779,731		
6.500	6,330,276	6,263,717		
7.000	597,520	592,235		
6.250	751,779	742,617		
6.000	499,477	319,801		
5.875	747,015	738,519		
6.500	1,111,041	1,097,900		
6.375	896,478	885,688		
6.250	4,363,438	4,309,417		
6.125	4,425,810	4,262,848		
6.000	2,763,691	2,726,292		
5.875	3,009,372	2,962,479		
5.750	986,256	972,776		
5.500	639,254	630,195		
6.000	1,112,569	1,098,759		
6.125	7,298,003	7,207,999		
6.250	7,213,723	6,837,979		
6.375	4,374,113	4,166,764		
6.500	4,342,768	4,291,107		
6.625	299,301	296,017		
6.750	490,971	319,332		
	\$ 120,876,516	\$ 118,044,666		
	6.500 7.000 6.250 6.000 5.875 6.500 6.375 6.250 6.125 6.000 5.875 5.750 5.500 6.000 6.125 6.250 6.375 6.250 6.625	6.5006,330,2767.000597,5206.250751,7796.000499,4775.875747,0156.5001,111,0416.375896,4786.2504,363,4386.1254,425,8106.0002,763,6915.8753,009,3725.750986,2565.500639,2546.0001,112,5696.1257,298,0036.2507,213,7236.3754,374,1136.5004,342,7686.625299,3016.750490,971		



2023 FG

		Pass-Through	Principal Amount At	Prir	Principal Amount		
Pool Number	Pool Type	Interest Rate	Acquisition	C	Outstanding		
QG1075	FHLMC	6.000 %	\$ 391,470	\$	387,277		
QG6891	FHLMC	6.500	192,534		190,646		
QG7840	FHLMC	7.000	630,790		625,226		
QG9125	FHLMC	6.000	1,917,489		1,899,518		
QG9128	FHLMC	7.000	805,613		799,022		
QH0011	FHLMC	7.000	1,490,286		1,477,361		
BY5997	FNMA	6.000	618,908		607,690		
BY6026	FNMA	6.000	810,080		800,796		
BY6030	FNMA	7.000	640,850		635,153		
BY7675	FNMA	6.000	2,184,858		2,163,901		
BY9068	FNMA	7.000	1,603,063		1,588,868		
BY9103	FNMA	7.000	1,789,840		1,556,504		
CS1009	GNMA II	6.125	527,486		521,926		
CV0229	GNMA II	5.250	348,188		343,874		
CV0230	GNMA II	5.750	191,314		189,140		
CV0235	GNMA II	6.375	1,926,470		1,664,691		
CV0236	GNMA II	6.500	517,351		261,446		
CV0237	GNMA II	6.625	1,216,315		1,204,692		
CV0467	GNMA II	5.875	919,252		910,012		
CV0468	GNMA II	6.000	1,766,129		1,748,695		
CV0473	GNMA II	6.625	3,094,203		2,622,664		
Subtotal			\$ 23,582,489	\$	22,199,102		



2023 FG, cont.

23FG Participation Interest in the following Mortgage-Backed Securities (80.00% of the principal payments and 100% of the interest payments paid to 23FG)

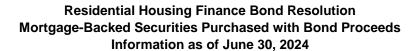
		Pass-Through		incipal Amount At	Principal Amount		
Pool Number Pool Type		Interest Rate		Acquisition	Outstanding		
QG4016	FHLMC	6.500 %	\$	807,842	\$	799,750	
QG7838	FHLMC	6.000		3,237,884		3,204,479	
QG7839	FHLMC	6.500		6,420,282		6,356,149	
BY5992	FNMA	6.000		5,404,996		5,037,397	
BY6027	FNMA	6.000		3,670,616		3,606,810	
BY6028	FNMA	6.500		5,406,215		5,351,524	
BY6029	FNMA	6.500		3,385,561		3,351,280	
CV0231	GNMA II	5.875		4,653,187		4,597,481	
CV0232	GNMA II	6.000		6,854,931		6,635,132	
CV0233	GNMA II	6.125		4,634,960		4,247,920	
CV0234	GNMA II	6.250		7,698,767		7,616,196	
CV0469	GNMA II	6.125		2,654,559		2,175,729	
				54,829,800		52,979,849	
MBS Participation Interest (80.000%)				43,863,840		42,383,879	



2023 FG, cont.

23FG Participation Interest in the following Mortgage-Backed Securities (33.4984% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 23FG)

	Pass-Through			Principal Amount At	Р	rincipal Amount
Pool Number Pool Ty	pe Interest Rate	Interest Participation		 Acquisition		Outstanding
QF2322 FHLM	C 6.000 %	62.2696	%	\$ 336,157	\$	331,734
QF9995 FHLM	C 5.500	59.9596		1,286,907		1,271,491
QF9996 FHLM	C 6.000	61.7458		1,859,877		1,839,380
QF9998 FHLM	C 5.500	59.9596		122,894		121,634
QG1069 FHLM	C 5.500	59.9596		763,716		755,351
QG1072 FHLM	C 6.000	61.9122		3,217,244		3,182,279
QG1073 FHLM	C 6.500	63.9448		796,829		789,215
BU8595 FNM	A 3.000	29.2419		1,028,343		1,008,953
BV5142 FNM	A 3.500	39.7574		358,103		352,471
BW4012 FNM	A 5.000	54.7681		560,376		552,710
BW4013 FNM	A 5.500	57.3483		517,851		511,853
BW7980 FNM	A 5.000	55.5550		658,974		650,117
BW9099 FNM	A 5.500	60.0704		375,206		371,202
BW9155 FNM	A 5.500	59.7096		902,387		892,053
BX0310 FNM	A 5.500	59.2138		1,015,303		1,003,895
BX2765 FNM	A 6.000	61.5298		512,501		506,658
BX7521 FNM	A 5.500	59.9596		2,066,524		2,044,635
BX7523 FNM	A 6.500	63.6670		492,582		488,087
BX7524 FNM	A 5.500	59.9596		321,414		318,119
BY0618 FNM	A 5.500	59.9596		1,934,239		1,913,952
BY0620 FNM	A 6.500	63.7422		1,987,552		1,968,954

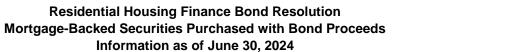




2023 FG, cont.

23FG Participation Interest in the following Mortgage-Backed Securities (33.4984% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 23FG)

		Pass-Through	1				Principal Amount At	Ρ	rincipal Amount
Pool Number	Pool Type	Interest Rate		Interest Participation			Acquisition		Outstanding
CL7354	GNMA II	3.000	%	24.5392	%	\$	555,665	\$	543,007
CS1195	GNMA II	6.375		63.7583			736,820		575,300
CS1197	GNMA II	6.000		60.7604			1,211,834		1,199,404
CS1198	GNMA II	5.875		59.9596			2,949,942		2,918,812
CS1199	GNMA II	5.750		59.1254			3,658,695		3,597,741
CS1200	GNMA II	5.500		57.5108			2,471,451		2,444,389
							32,699,386		32,153,397
MBS Participation Interest (33.4984%)							10,953,771		10,770,874





2023 FG, cont.

23FG Participation Interest in the following Mortgage-Backed Securities (79.8877% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 23FG)

	Pass-Through					Principal Amount At			rincipal Amount
Pool Number Pool Type Interest Rate			Interest Participation			Acquisition		Outstanding	
QG9126	FHLMC	6.500	%	72.8796	%	\$	4,719,473	\$	4,697,190
QG9127	FHLMC	6.500		70.8156			5,906,448		5,878,306.15
QH0009	FHLMC	6.000		72.8054			4,492,623		4,251,422.33
QH0010	FHLMC	6.500		70.7655			7,821,171		7,784,232.35
BY7676	FNMA	6.500		72.9009			6,386,301		6,217,152.72
BY7677	FNMA	6.500		71.0672			4,613,384		4,587,449.43
BY9101	FNMA	6.500		72.7948			7,579,497		7,533,250.39
BY9102	FNMA	6.500		70.9865			6,911,313		6,880,745.80
CV0470	GNMA II	6.250		76.9385			8,744,494		8,699,093.40
CV0471	GNMA II	6.375		75.4868			7,562,339		7,525,058.49
CV0472	GNMA II	6.500		74.0889			6,589,526		6,304,415.33
							71,326,569		70,358,316
MBS Participa	MBS Participation Interest (79.8877%)						56,981,155		56,207,640



2023 FG, cont.

23FG Participation Interest in the following Mortgage-Backed Securities (19.8877% of the principal payments and 0% of the interest payments paid to 23FG)

Pass-Through Pool Number Pool Type Interest Rate		Principal Amount At Acquisition		Principal Amount Outstanding		
QH4554	FHLMC	7.000 %	\$	7,884,427	\$	7,846,362
QH5612	FHLMC	7.000		10,070,031		9,734,500
DA4143	FNMA	7.000		7,296,911		7,262,395
DA4181	FNMA	7.000		9,157,670		9,093,201
CX9100	GNMA II	6.750		9,897,995		9,854,411
CX9101	GNMA II	6.875		6,428,248		6,401,218
CX9102	GNMA II	7.000		6,939,338		6,909,384
CX9351	GNMA II	7.000		7,593,515		7,562,695
CX9353	GNMA II	7.250		6,863,655		6,597,608
				72,131,789		71,261,774
MBS Participation Interest (19.8877%)				14,345,354		14,172,328
2023 FG Total		\$	149,726,609	\$	145,733,823	



2023 HI

		Pass-Through	Principal Amount At	F	Principal Amount
Pool Number	Pool Type	Interest Rate	Acquisition		Outstanding
QF3874	FHLMC	6.000 %	\$ 332,113	\$	328,623
QG4015	FHLMC	6.000	821,977		812,879
QG4017	FHLMC	6.000	1,015,203		992,380
QG4018	FHLMC	6.500	2,783,461		2,756,397
QG4907	FHLMC	6.000	1,860,928		1,839,879
QG4909	FHLMC	6.500	2,325,649		2,225,853
QG6893	FHLMC	6.000	1,900,445		1,658,709
QG6896	FHLMC	6.500	6,287,226		6,212,328
QG7841	FHLMC	6.000	1,181,556		1,168,688
QG7842	FHLMC	6.500	5,199,384		5,149,182
QG7843	FHLMC	7.000	1,585,070		1,571,078
QG9130	FHLMC	6.500	1,231,716		1,218,367
QG9131	FHLMC	7.000	1,361,972		1,273,127
BX5806	FNMA	6.000	195,887		193,843
BY0621	FNMA	5.500	326,092		322,265
BY1160	FNMA	6.500	320,219		312,987
BY3826	FNMA	6.000	2,149,206		2,123,745
BY3827	FNMA	6.500	1,618,052		1,602,221
BY3891	FNMA	6.000	1,068,116		1,057,213
BY3892	FNMA	6.500	2,468,286		2,442,684
BY5996	FNMA	6.000	595,068		588,821
BY5998	FNMA	6.500	677,071		670,482
BY5999	FNMA	6.000	2,367,174		2,343,503
BY6000	FNMA	6.500	7,160,306		6,921,686



2023 HI, cont.

Death whee	D. J.T.	Pass-Through	Prir	ncipal Amount At	Principal Amount
Pool Number		Interest Rate		Acquisition	 Outstanding
BY6031	FNMA	6.000 %	\$	1,118,724	\$ 1,107,478
BY6032	FNMA	6.500		3,532,067	3,497,795
BY6033	FNMA	7.000		1,368,359	1,354,084
BY9069	FNMA	6.500		3,510,864	3,479,269
CO8247	GNMA II	5.500		1,043,286	1,029,459
CS0794	GNMA II	6.500		2,597,943	2,273,630
CS0795	GNMA II	6.000		5,627,355	5,324,500
CS1194	GNMA II	5.750		481,033	475,460
CS1738	GNMA II	6.000		619,106	612,116
CV0073	GNMA II	5.875		802,928	794,197
CV0074	GNMA II	6.000		928,020	918,081
CV0075	GNMA II	5.500		1,022,124	1,010,174
CV0076	GNMA II	6.000		6,247,971	6,181,415
CV0077	GNMA II	6.000		5,861,896	5,342,726
CV0238	GNMA II	5.875		935,609	925,278
CV0239	GNMA II	6.000		780,022	771,348
CV0240	GNMA II	6.000		588,704	582,086
CV0241	GNMA II	6.375		942,611	933,357
CV0242	GNMA II	6.000		2,069,004	2,008,443
CV0243	GNMA II	6.125		4,720,957	4,671,215
CV0244	GNMA II	6.250		4,127,190	4,083,361
CV0245	GNMA II	6.375		2,425,286	2,400,453
CV0246	GNMA II	6.500		1,839,558	 1,821,848
2023 HI Total			\$	100,022,793	\$ 97,384,713



2023 JK

		Pass-Through	Principal Amount At	Prin	cipal Amount
Pool Number	Pool Type	Interest Rate	Acquisition	Outstanding	
QH0966	FHLMC	6.500 %	\$ 5,087,514	\$	5,042,757
QH0967	FHLMC	6.500	5,567,183		5,514,613
QH0968	FHLMC	7.000	3,265,697		3,120,958
QH1932	FHLMC	6.500	7,498,407		7,435,924
QH1933	FHLMC	7.000	2,441,327		2,422,429
BY9105	FNMA	7.000	422,373		419,314
DA0164	FNMA	6.500	4,626,264		4,366,279
DA0165	FNMA	6.500	4,547,869		4,508,852
DA0166	FNMA	7.000	2,422,937		2,403,438
DA0189	FNMA	6.500	6,237,904		6,181,802
DA0190	FNMA	7.000	2,751,806		2,447,021
CV0474	GNMA II	6.750	396,003		392,658
CV0475	GNMA II	6.000	861,065		852,653
CV0477	GNMA II	6.375	1,182,700		1,172,378
CV0647	GNMA II	6.375	831,888		519,098
CV0648	GNMA II	6.375	5,737,267		5,395,631
CV0649	GNMA II	6.375	6,370,364		6,003,517
CV0650	GNMA II	6.375	7,013,205		6,952,074
CV0651	GNMA II	6.375	5,046,556		5,003,574
CV0652	GNMA II	6.375	5,540,450		5,251,482
CV0653	GNMA II	6.375	5,105,613		4,576,037
CV0654	GNMA II	6.375	4,485,772		4,448,104



2023 JK, Cont.

		Pass-Through	Prin	cipal Amount At		ncipal Amount
Pool Number	er Pool Type	Interest Rate		Acquisition	(Dutstanding
QH2834	FHLMC	6.500 %	\$	4,576,213	\$	4,537,029
QH2836	FHLMC	7.000		4,424,581		4,395,542
QH2838	FHLMC	7.000		474,535		471,526
QH3876	FHLMC	7.000		4,234,027		4,206,093
QH3877	FHLMC	7.000		2,565,143		2,549,106
DA2601	FNMA	6.500		5,201,786		5,162,025
DA2602	FNMA	7.000		5,646,056		5,327,447
DA2637	FNMA	6.000		220,213		218,587
CV0655	GNMA II	6.000		200,472		198,903
CV0816	GNMA II	6.250		1,282,061		1,272,521
CV0817	GNMA II	6.375		5,484,913		5,441,634
CV0818	GNMA II	6.500		8,254,039		7,874,885
CV0819	GNMA II	6.625		9,273,288		9,205,715
CV0820	GNMA II	6.750		5,138,411		5,103,225
CV0821	GNMA II	6.875		3,961,113		3,601,530
CV0822	GNMA II	7.000		1,879,774		1,867,367
			\$	150,256,790	\$	145,863,726



2023 LM

		Pass-Through	Principal Amount At	Pri	Principal Amount		
Pool Number	Pool Type	Interest Rate	Acquisition	(Dutstanding		
QG9129	FHLMC	6.500 %	\$ 2,603,082	\$	2,583,028		
QH0012	FHLMC	6.500	744,668		738,386		
QH0013	FHLMC	6.500	1,125,977		1,113,137		
QH0014	FHLMC	6.500	3,402,557		3,376,656		
QH0015	FHLMC	7.000	1,806,541		1,793,619		
QH0969	FHLMC	6.500	3,148,452		3,122,910		
QH0970	FHLMC	7.000	2,267,718		2,249,871		
QH1937	FHLMC	6.500	1,707,522		1,694,879		
QH1938	FHLMC	7.000	1,567,153		1,555,806		
QH2839	FHLMC	6.500	462,199		458,933		
QH2840	FHLMC	7.000	3,898,561		3,872,530		
QH2841	FHLMC	7.500	846,608		841,580		
QH3882	FHLMC	6.500	1,040,400		1,033,689		
BY9070	FNMA	7.000	2,852,774		2,831,445		
BY9104	FNMA	6.500	1,011,943		994,964		
BY9106	FNMA	6.000	1,266,966		1,256,095		
BY9107	FNMA	6.500	3,528,599		3,153,639		
BY9108	FNMA	7.000	2,532,000		2,510,430		
DA0167	FNMA	6.500	2,770,527		2,748,641		
DA0168	FNMA	7.000	2,832,203		2,811,877		
DA0193	FNMA	6.500	1,003,680		996,129		
DA0194	FNMA	7.000	3,239,333		3,215,194		
DA2604	FNMA	7.000	3,370,295		3,156,944		
DA2641	FNMA	7.000	3,006,027		2,873,058		



2023 LM, cont.

F		Pass-Through	Р	rincipal Amount At	Principal Amount
Pool Number	Pool Type	Interest Rate		Acquisition	 Outstanding
CV0476	GNMA II	6.250 %	\$	927,983	\$ 919,687
CV0478	GNMA II	6.500		430,726	427,262
CV0479	GNMA II	6.250		1,046,426	1,037,955
CV0529	GNMA II	6.000		1,155,955	1,145,782
CV0530	GNMA II	6.125		1,683,118	1,668,332
CV0531	GNMA II	6.375		4,993,604	4,948,008
CV0532	GNMA II	6.500		2,111,917	2,094,899
CV0533	GNMA II	6.625		5,604,305	5,266,881
CV0534	GNMA II	6.750		2,461,826	2,441,718
CV0660	GNMA II	6.250		1,056,722	1,044,565
CV0661	GNMA II	6.375		3,422,816	3,130,735
CV0662	GNMA II	6.500		3,138,418	3,113,268
CV0663	GNMA II	6.625		5,256,187	5,211,546
CV0664	GNMA II	6.750		2,441,811	2,422,724
CV0665	GNMA II	6.875		1,212,444	1,203,619
CV0827	GNMA II	6.500		1,272,021	1,048,639
CV0828	GNMA II	6.625		1,278,260	1,268,599
CV0829	GNMA II	6.750		2,708,767	2,690,150
CV0830	GNMA II	6.875		3,513,848	3,488,794
CV0831	GNMA II	7.000		1,365,240	1,132,208
CV0832	GNMA II	6.375		1,105,964	 1,096,992
2023 LM Tota	l		\$	100,224,142	\$ 97,785,802



2023 NOPQ

Pool Number Pool Type		Pass-Through Interest Rate	Pr	incipal Amount At Acquisition	Principal Amount Outstanding		
•				<u> </u>	 		
QH1935	FHLMC	6.500 %	\$	1,101,414	\$ 1,095,349		
QH1936	FHLMC	7.000		413,446	410,823		
QH3878	FHLMC	6.500		626,643	623,472		
QH3880	FHLMC	7.000		790,314	785,984		
QH4553	FHLMC	6.500		560,584	555,151		
QH4555	FHLMC	7.500		487,900	485,022		
QH5616	FHLMC	7.000		701,644	698,398		
QH5618	FHLMC	7.000		469,274	466,891		
QH6518	FHLMC	6.500		261,469	259,589		
DA0191	FNMA	6.500		836,965	827,823		
DA0192	FNMA	6.500		559,875	556,636		
DA2603	FNMA	6.500		453,680	451,417		
DA2636	FNMA	7.500		648,450	644,705		
DA4142	FNMA	6.500		763,454	758,844		



2023 NOPQ, cont.

D 111 1 D 17		Pass-Through	Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Rate	Acquisition	O	utstanding	
DA4144	FNMA	7.000 %	\$ 4,054,148	\$	4,031,921	
DA4180	FNMA	6.500	1,098,881		1,092,292	
DA4182	FNMA	7.500	1,659,675		1,651,309	
DA4183	FNMA	6.500	265,358		263,947	
DA5561	FNMA	6.500	179,967		179,065	
CV0659	GNMA II	6.750	775,647		770,092	
CV0823	GNMA II	6.375	298,678		297,044	
CV0826	GNMA II	6.750	787,008		782,968	
CX9096	GNMA II	6.250	787,393		782,013	
CX9097	GNMA II	6.375	669,056		664,742	
CX9098	GNMA II	6.500	1,807,345		1,796,129	
CX9103	GNMA II	7.125	1,907,411		1,894,605	
CX9354	GNMA II	7.375	1,066,592		1,061,861	
CX9355	GNMA II	7.500	656,031		653,207	
Subtotal		•	24,688,301		24,541,297	



2023 NOPQ, cont.

23NOPQ Participation Interest in the following Mortgage-Backed Securities (80.1123% of the principal payments and 100% of the interest payments paid to 23NOPQ)

D 111 1 D 17		Pass-Through	•	l Amount At	Principal Amount		
Pool Number	Pool Type	Interest Rate	Acq	uisition	Outstanding		
QH4554	FHLMC	7.000 %	\$	7,884,427	\$	7,846,362	
QH5612	FHLMC	7.000		10,070,031		9,734,500	
DA4143	FNMA	7.000		7,296,911		7,262,395	
DA4181	FNMA	7.000		9,157,670		9,093,201	
CX9100	GNMA II	6.750		9,897,995		9,854,411	
CX9101	GNMA II	6.875		6,428,248		6,401,218	
CX9102	GNMA II	7.000		6,939,338		6,909,384	
CX9351	GNMA II	7.000		7,593,515		7,562,695	
CX9353	GNMA II	7.250		6,863,655		6,597,608	
				72,131,789		71,261,774	
MBS Participa	ation Interest	(80.1123%)		57,786,435		57,089,447	



2023 NOPQ, cont.

23NOPQ Participation Interest in the following Mortgage-Backed Securities (20.1123% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 23NOPQ)

		Pass-Through			F	Principal Amount At	Pr	incipal Amount
Pool Number	Pool Type	Interest Rate	Interest Participation		Acquisition			Outstanding
QG9126	FHLMC	6.500 %	27.1204	%	\$	4,719,473	\$	4,697,190
QG9127	FHLMC	6.500	29.1844			5,906,448		5,878,306.15
QH0009	FHLMC	6.000	27.1946			4,492,623		4,251,422.33
QH0010	FHLMC	6.500	29.2345			7,821,171		7,784,232.35
BY7676	FNMA	6.500	27.0991			6,386,301		6,217,152.72
BY7677	FNMA	6.500	28.9328			4,613,384		4,587,449.43
BY9101	FNMA	6.500	27.2052			7,579,497		7,533,250.39
BY9102	FNMA	6.500	29.0135			6,911,313		6,880,745.80
CV0470	GNMA II	6.250	23.0615			8,744,494		8,699,093.40
CV0471	GNMA II	6.375	24.5132			7,562,339		7,525,058.49
CV0472	GNMA II	6.500	25.9111			6,589,526		6,304,415.33
						71,326,569		70,358,316
MBS Participation Interest (20.1123%)						14,345,413		14,150,676



2023 NOPQ, cont.

23NOPQ Participation Interest in the following Mortgage-Backed Securities (80.0133% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 23NOPQ)

		Pass-Through			Principal Amount At	Prin	cipal Amount
Pool Number	Pool Type	Interest Rate	Interest Participation		 Acquisition	0	utstanding
QH3873	FHLMC	6.500 %	75.4828	%	\$ 3,305,529	\$	3,298,331
QH3874	FHLMC	7.000	73.4317		3,684,254		3,677,694
QH5613	FHLMC	7.500	68.4909		2,459,309		2,455,610
QH6519	FHLMC	7.000	70.4672		4,804,541		4,796,430
QH6520	FHLMC	7.500	68.2889		5,107,234		5,099,605
DA2633	FNMA	6.500	75.4400		4,633,572		4,624,231
DA2634	FNMA	7.000	72.7196		5,894,076		5,883,533
DA2635	FNMA	7.000	70.5606		4,045,221		4,038,772
DA5562	FNMA	7.000	70.5139		5,980,195		5,970,995
DA5563	FNMA	7.500	67.4924		3,851,930		3,845,385
CV0657	GNMA II	6.250	81.9046		974,875		972,975
CX9099	GNMA II	6.625	77.4371		6,526,899		6,514,935
CX9350	GNMA II	6.875	74.2000		1,395,448		1,392,720
					52,663,083		52,571,215
MBS Participation Interest (80.0133%)					42,137,471		42,063,964



2023 NOPQ, cont.

23NOPQ Participation Interest in the following Mortgage-Backed Securities (13.9377% of the principal payments and 0% of the interest payments paid to 23NOPQ)

Dool Number Dool Type		Pass-Through		incipal Amount At	Principal Amount		
Pool Number	Pool Type	Interest Rate		Acquisition		Outstanding	
QH8485	FHLMC	7.000 %	\$	9,732,074	\$	9,712,918	
QH8486	FHLMC	7.500		6,609,271		6,599,638	
QI1626	FHLMC	6.500		7,280,035		7,264,517	
DA6908	FNMA	7.000		7,959,717		7,750,014	
DA6909	FNMA	7.500		12,387,969		12,349,189	
DB0575	FNMA	6.500		6,457,773		6,413,665	
CZ4785	GNMA II	6.875		4,328,883		4,321,536	
CZ4786	GNMA II	7.000		7,453,027		7,440,009	
CZ4788	GNMA II	7.250		7,913,113		7,900,593	
DA4680	GNMA II	6.250		5,396,879		5,385,799	
			\$	75,518,741		75,137,878	
MBS Participation Interest (13.9377%)			10,525,576		10,472,492		
2023 NOPQ Total		\$	149,483,196	\$	148,317,875		



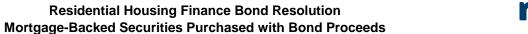
2023 RST

		Pass-Through	Principal Amount At		Principal Amount	
Pool Number	Pool Type	Interest Rate		Acquisition	 Outstanding	
QH8484	FHLMC	6.500 %	\$	165,838	\$ 165,137	
QH8487	FHLMC	7.000		515,313	514,138	
QH9088	FHLMC	7.000		1,034,309	1,031,021	
Q10669	FHLMC	7.000		576,365	574,543	
QI0671	FHLMC	6.500		728,818	726,622	
QI0673	FHLMC	7.000		205,743	205,268	
QI1627	FHLMC	7.000		291,209	290,181	
QI1629	FHLMC	7.500		470,582	469,565	
QI1630	FHLMC	6.500		192,368	191,170	
DA6907	FNMA	6.500		170,795	170,090	
DA7927	FNMA	7.500		1,114,570	1,109,714	
DA7928	FNMA	7.000		436,335	435,349	
DA7929	FNMA	7.500		421,108	419,075	
DA9250	FNMA	7.500		175,750	175,261	
DA9251	FNMA	7.500		500,433	498,801	
DA9260	FNMA	7.000		896,239	892,379	



2023 RST, cont.

		Pass-Through	Principal Amount At	Prin	Principal Amount	
Pool Number	Pool Type	Interest Rate	Acquisition	O	utstanding	
DA9262	FNMA	6.500 %	\$ 687,602	\$	684,846	
DB0576	FNMA	7.000	93,960		93,696	
CX9346	GNMA II	6.250	664,808		661,010	
CX9347	GNMA II	6.500	579,306		576,179	
CX9349	GNMA II	6.750	1,164,509		1,158,408	
CZ4783	GNMA II	6.625	829,871		826,301	
CZ4790	GNMA II	7.500	788,110		785,245	
CZ4791	GNMA II	6.625	1,009,854		1,004,245	
CZ4793	GNMA II	7.000	1,092,907		1,088,923	
CZ4794	GNMA II	7.125	747,168		744,888	
CZ5002	GNMA II	6.250	855,843		852,660	
CZ5004	GNMA II	6.500	1,569,701		1,564,194	
CZ5007	GNMA II	6.875	1,028,519		1,025,180	
CZ5008	GNMA II	7.000	923,327		918,516	
CZ5009	GNMA II	7.125	1,274,592		1,270,292	
CZ5010	GNMA II	7.250	1,275,807		1,271,898	
CZ5013	GNMA II	6.875	475,621		474,472	
DA4670	GNMA II	6.750	792,566		790,509	
DA4671	GNMA II	7.250	514,302		511,853	
DA4673	GNMA II	6.500	504,458		503,148	
Subtotal			24,768,608		24,674,775	





2023 RST, cont.

Information as of June 30, 2024

23RST Participation Interest in the following Mortgage-Backed Securities (86.0623% of the principal payments and 100% of the interest payments paid to 23RST)

		Pass-Through	Pr	incipal Amount At	I	Principal Amount	
Pool Number	Pool Type	Interest Rate		Acquisition	Outstanding		
QH8485	FHLMC	7.000 %	\$	9,732,074	\$	9,712,918	
QH8486	FHLMC	7.500		6,609,271		6,599,638	
QI1626	FHLMC	6.500		7,280,035		7,264,517	
DA6908	FNMA	7.000		7,959,717		7,750,014	
DA6909	FNMA	7.500		12,387,969		12,349,189	
DB0575	FNMA	6.500		6,457,773		6,413,665	
CZ4785	GNMA II	6.875		4,328,883		4,321,536	
CZ4786	GNMA II	7.000		7,453,027		7,440,009	
CZ4788	GNMA II	7.250		7,913,113		7,900,593	
DA4680	GNMA II	6.250		5,396,879		5,385,799	
			\$	75,518,741	'	75,137,878	
MBS Participa	ation Interest	(86.0623%)		64,993,165		64,665,386	



2023 RST, cont.

23RST Participation Interest in the following Mortgage-Backed Securities (19.9867% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 23RST)

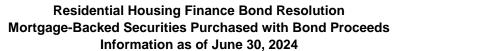
		Pass-Through			Principal Amount At	Prin	cipal Amount
Pool Number	Pool Type	Interest Rate	Interest Participation		 Acquisition	0	utstanding
QH3873	FHLMC	6.500 %	24.5172	%	\$ 3,305,529	\$	3,298,331
QH3874	FHLMC	7.000	26.5683		3,684,254		3,677,694
QH5613	FHLMC	7.500	31.5091		2,459,309		2,455,610
QH6519	FHLMC	7.000	29.5328		4,804,541		4,796,430
QH6520	FHLMC	7.500	31.7111		5,107,234		5,099,605
DA2633	FNMA	6.500	24.5600		4,633,572		4,624,231
DA2634	FNMA	7.000	27.2804		5,894,076		5,883,533
DA2635	FNMA	7.000	29.4394		4,045,221		4,038,772
DA5562	FNMA	7.000	29.4861		5,980,195		5,970,995
DA5563	FNMA	7.500	32.5076		3,851,930		3,845,385
CV0657	GNMA II	6.250	18.0954		974,875		972,975
CX9099	GNMA II	6.625	22.5629		6,526,899		6,514,935
CX9350	GNMA II	6.875	25.2800		1,395,448		1,392,720
					52,663,083		52,571,215
MBS Participation Interest (19.9867%)					10,525,612		10,507,251



2023 RST, cont.

23RST Participation Interest in the following Mortgage-Backed Securities (90.9079% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 23RST)

	Pass-Through				Principal Amount At	Prir	ncipal Amount
Pool Number Pool Type	Interest Rate	Interest Participation			Acquisition	C	outstanding
QH9085 FHLMC	6.500 %	86.6457	%	\$	1,265,474	\$	1,264,381
QH9086 FHLMC	7.000	81.4546			4,574,037		4,570,509
QH9087 FHLMC	7.500	76.8698			1,688,876		1,687,263
QH9941 FHLMC	6.500	88.8758			3,980,694		3,976,705
QH9943 FHLMC	7.000	81.7504			1,546,977		1,545,513
QI0666 FHLMC	6.500	88.2947			3,755,251		3,751,524
DA7918 FNMA	7.000	81.0634			4,911,380		4,907,533
DA9248 FNMA	6.500	88.2947			4,329,401		4,325,478
DA9249 FNMA	7.000	81.9268			4,632,596		4,628,954
DA9259 FNMA	6.500	88.8498			4,327,768		4,323,917
DB0913 FNMA	6.500	88.3975			1,069,719		1,068,810
CX9348 GNMA II	6.625	88.3975			1,685,514		1,683,749
CX9352 GNMA II	7.125	82.4044			3,468,615		3,465,794
CZ4784 GNMA II	6.750	86.8189			3,069,868		3,067,141
CZ4787 GNMA II	7.125	82.4044			2,593,540		2,591,292
CZ4789 GNMA II	7.375	79.7026			1,449,898		1,448,812
CZ5001 GNMA II	6.125	95.3306			3,980,462		3,976,662
CZ5003 GNMA II	6.375	91.7332			2,092,433		2,090,545
CZ5005 GNMA II	6.625	86.8189			3,295,537		3,292,651
CZ5006 GNMA II	6.750	86.8189			2,136,679		2,133,459
DA4669 GNMA II	6.500	89.9412			4,170,813		4,166,779
DA4679 GNMA II	6.375	91.7332			4,131,621		4,127,694
DA4681 GNMA II	6.125	95.3306			6,127,013		6,119,476
Subtotal					74,284,168		74,214,638
MBS Participation Interest (90.9079%)					67,530,177		67,466,969





2023 RST, cont.

23RST Participation Interest in the following Mortgage-Backed Securities (16.9186% of the principal payments and 0% of the interest payments paid to 23RST)

		Pass-Through	Pr	incipal Amount At		F	Principal Amount
Pool Number	Pool Type	Interest Rate		Acquisition		Outstanding	
DB0599	FNMA	6.500 %	\$	4,877,810		\$	4,873,432
DB0914	FNMA	6.500		7,743,436			7,736,490
DB3502	FNMA	6.500		8,011,802			8,005,168
DA4875	GNMA II	6.500		8,178,438			8,170,143
DA5055	GNMA II	6.500		11,108,871			11,099,241
Subtotal				39,920,356	•		39,884,473
MBS Particip	ation Interest		6,753,965			6,747,894	
2023 RST Total			\$	174,571,528	-	\$	174,062,275



2023 UV

		Pass-Through	1	Pri	ncipal Amount At	Principal Amount
Pool Number Pool	ol Type	Interest Rate			Acquisition	 Outstanding
QH1934 FI	HLMC	6.500	%	\$	992,085	\$ 984,785
QH2837 FI	HLMC	6.500			474,203	473,228
QH3879 FI	HLMC	7.000			497,590	494,813
QH3881 FI	HLMC	7.000			728,880	724,849
QH3883 FI	HLMC	7.000			2,492,831	2,479,177
QH4556 FI	HLMC	7.000			524,523	522,024
QH4557 FI	HLMC	7.000			2,653,407	2,641,111
QH4558 FI	HLMC	7.500			1,065,983	1,061,314
QH5615 FI	HLMC	7.000			874,169	870,088
QH5619 FI	HLMC	6.500			1,005,502	999,937
QH5621 FI	HLMC	7.000			2,611,092	2,599,135
QH5622 FI	HLMC	7.500			2,653,501	2,425,394
QH6521 FI	HLMC	7.000			1,161,138	1,152,721
QH6522 FI	HLMC	7.500			1,107,814	1,103,070
DA2638 F	NMA	6.500			362,237	360,256
DA2639 F	NMA	7.000			710,017	706,462
DA2640 F	NMA	6.500			1,971,927	1,859,697
DA2642 F	NMA	7.000			1,604,388	1,597,031
DA4145 F	NMA	6.500			188,324	187,388
DA4146 F	NMA	7.000			590,657	586,197
DA4147 F	NMA	7.000			3,284,477	3,266,682
DA4184 F	NMA	7.000			814,794	809,774
DA4185 F	NMA	7.000			761,002	755,048
DA4186 F	NMA	7.500			419,585	417,691



2023 UV, cont.

		Pass-Through	Principal Amount At	Principal Amount
Pool Number	Pool Type	Interest Rate	Acquisition	 Outstanding
DA4187	FNMA	7.000 %	\$ 3,878,756	\$ 3,860,780
DA4188	FNMA	7.500	2,153,189	2,142,716
DA5564	FNMA	7.000	457,885	455,774
DA5565	FNMA	7.000	1,021,616.000	1,016,084.830
DA5566	FNMA	7.500	2,452,586	2,442,223
DA6914	FNMA	7.500	1,231,469	1,226,296
CV0656	GNMA II	6.250	916,539	911,403
CV0658	GNMA II	6.500	1,264,765	1,257,787
CV0824	GNMA II	6.500	533,896	531,043
CV0825	GNMA II	6.250	452,543	450,199
CX9104	GNMA II	6.375	747,061	743,101
CX9105	GNMA II	6.750	507,752	504,682
CX9106	GNMA II	6.750	758,770	754,956
CX9107	GNMA II	6.875	647,679	644,490
CX9108	GNMA II	7.125	411,791	408,697
CX9109	GNMA II	6.750	2,410,661	2,398,133
CX9110	GNMA II	6.875	2,580,208	2,567,471
CX9111	GNMA II	7.000	1,179,374	1,172,537
CX9112	GNMA II	7.125	1,851,639	1,842,358
CX9113	GNMA II	7.250	1,073,324	1,068,162
CX9356	GNMA II	6.250	259,422	257,967
CX9357	GNMA II	6.625	658,670	655,341
CX9358	GNMA II	7.000	1,020,273	1,015,362
CX9359	GNMA II	7.250	899,217	895,118
CX9360	GNMA II	6.500	1,026,337	1,020,595
CX9361	GNMA II	6.875	1,676,117	1,667,921



2023 UV, cont.

		Pass-Through	Pri	ncipal Amount At		ı	Principal Amount
Pool Number Pool Type		Interest Rate	Acquisition			Outstanding	
CX9362	GNMA II	7.000 %	\$	2,258,214		\$	2,247,351
CX9363	GNMA II	7.125		1,670,266			1,662,400
CX9364	GNMA II	7.250		1,444,078			1,437,546
CX9365	GNMA II	7.375		1,954,567			1,939,972
CX9366	GNMA II	7.500		1,081,568			1,076,975
		•			_		
2023 UV Tota	I		\$	70,030,359	_	\$	69,353,309



2024 ABC

		Pass-Through	Principal Amount At	Principal Amount
Pool Number	Pool Type	Interest Rate	Acquisition	 Outstanding
QH8488	FHLMC	7.500 %	\$ 1,231,353	\$ 1,229,601
QI2562	FHLMC	6.500	6,888,383	6,867,268
QI2565	FHLMC	7.500	219,945	219,482
QI2567	FHLMC	6.500	740,456	739,136
QI3790	FHLMC	6.500	6,613,130	6,597,731
QI3791	FHLMC	7.000	285,822	285,378
QI4706	FHLMC	6.500	5,010,738	5,000,832
QI4707	FHLMC	7.000	3,308,218	3,303,123
QI5748	FHLMC	6.500	5,771,528	5,766,347
QI5749	FHLMC	7.000	1,606,518	1,604,195
DA6910	FNMA	7.000	897,020	895,665
DA9261	FNMA	6.500	817,761	816,151
DB0577	FNMA	6.500	750,465	749,205
DB0578	FNMA	7.500	286,128	285,705
DB0600	FNMA	6.500	1,554,441	1,549,176
DB0601	FNMA	7.000	233,360	232,843
DB0602	FNMA	6.500	667,360	666,150
DB0915	FNMA	7.000	264,793	264,376
DB2648	FNMA	6.500	3,723,646	3,717,249
DB2649	FNMA	6.500	6,479,208	6,468,113
DB2650	FNMA	7.000	2,133,850	2,130,541
DB3503	FNMA	7.000	2,022,467	2,018,780
DB4638	FNMA	6.500	4,664,819	4,661,041
CZ5011	GNMA II	6.125	518,408	517,433
CZ5012	GNMA II	6.375	755,124	754,468



2024 ABC, cont.

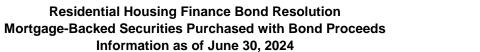
		Pass-Through	Principal Amount At	Princ	cipal Amount
Pool Number	Pool Type	Interest Rate	Acquisition	Outstanding	
DA4674	GNMA II	6.750 %	\$ 385,631	\$	384,932
DA4872	GNMA II	6.125	2,336,613		2,332,222
DA4873	GNMA II	6.250	7,186,626		7,169,897
DA4874	GNMA II	6.375	3,244,520		3,237,735
DA4876	GNMA II	7.000	912,001		910,395
DA5053	GNMA II	6.250	693,481		692,847
DA5054	GNMA II	6.375	3,221,086		3,217,211
DA5056	GNMA II	6.625	4,073,878		4,069,726
DA5057	GNMA II	6.750	4,053,320		4,049,845
DA5058	GNMA II	6.875	1,505,385		1,504,164
Subtotal		•	85,057,482		84,908,963



2024 ABC, cont.

24ABC Participation Interest in the following Mortgage-Backed Securities (9.0921% of the principal payments and the percentage of the interest payments shown for each MBS in the table below paid to 24ABC)

		Pass-Through			Principal Amount At	Prir	ncipal Amount
Pool Number	Pool Type	Interest Rate	Interest Participation		Acquisition		Outstanding
QH9085	FHLMC	6.500 %	13.3543	%	\$ 1,265,474	\$	1,264,381
QH9086	FHLMC	7.000	18.5454		4,574,037		4,570,509
QH9087	FHLMC	7.500	23.1302		1,688,876		1,687,263
QH9941	FHLMC	6.500	11.1242		3,980,694		3,976,705
QH9943	FHLMC	7.000	18.2496		1,546,977		1,545,513
Q10666	FHLMC	6.500	11.7053		3,755,251		3,751,524
DA7918	FNMA	7.000	18.9366		4,911,380		4,907,533
DA9248	FNMA	6.500	11.7053		4,329,401		4,325,478
DA9249	FNMA	7.000	18.0732		4,632,596		4,628,954
DA9259	FNMA	6.500	11.1502		4,327,768		4,323,917
DB0913	FNMA	6.500	11.6025		1,069,719		1,068,810
CX9348	GNMA II	6.625	11.6025		1,685,514		1,683,749
CX9352	GNMA II	7.125	17.5956		3,468,615		3,465,794
CZ4784	GNMA II	6.750	13.1811		3,069,868		3,067,141
CZ4787	GNMA II	7.125	17.5956		2,593,540		2,591,292
CZ4789	GNMA II	7.375	20.2974		1,449,898		1,448,812
CZ5001	GNMA II	6.125	4.6694		3,980,462		3,976,662
CZ5003	GNMA II	6.375	8.2668		2,092,433		2,090,545
CZ5005	GNMA II	6.625	11.6025		3,295,537		3,292,651
CZ5006	GNMA II	6.750	13.1811		2,136,679		2,133,459
DA4669	GNMA II	6.500	10.0588		4,170,813		4,166,779
DA4679	GNMA II	6.375	8.2668		4,131,621		4,127,694
DA4681	GNMA II	6.125	4.6694		6,127,013		6,119,476
Subtotal				ij	74,284,168		74,214,638
MBS Participa	ation Interest	(9.0921%)	6,753,991		6,747,669		





2024 ABC, cont.

24ABC Participation Interest in the following Mortgage-Backed Securities (83.0814% of the principal payments and 100% of the interest payments paid to 24ABC)

Pool Number Pool Type		Pass-Through Interest Rate	Pri	ncipal Amount At Acquisition	Principal Amount Outstanding	
DB0599	FNMA	6.500 %	\$	4,877,810	\$ 4,873,432	
DB0914	FNMA	6.500		7,743,436	7,736,490	
DB3502	FNMA	6.500		8,011,802	8,005,168	
DA4875	GNMA II	6.500		8,178,438	8,170,143	
DA5055	GNMA II	6.500		11,108,871	11,099,241	
Subtotal				39,920,356	 39,884,473	
MBS Participa	ation Interest	(83.0814%)		33,166,391	33,136,579	
2024 ABC Total			\$	124,977,864	\$ 124,793,211	



2024 DE

		Pass-Through	Principal Amount At	Prir	ncipal Amount
Pool Number	Pool Type	Interest Rate	Acquisition		Outstanding
QH8489	FHLMC	7.000 %	\$ 1,067,453	\$	1,065,044
QH8490	FHLMC	7.500	3,362,015		3,353,760
QH9089	FHLMC	7.000	2,832,013		2,825,995
QH9090	FHLMC	7.500	1,025,870		1,023,634
QH9945	FHLMC	6.500	999,701		996,745
QH9946	FHLMC	7.000	1,139,471		1,136,829
QI0674	FHLMC	6.500	1,088,777		1,085,943
Q10675	FHLMC	7.000	1,160,225		1,157,518
Q10676	FHLMC	7.500	1,164,240		1,161,762
QI1632	FHLMC	6.500	1,087,598		1,084,639
QI2568	FHLMC	6.500	2,730,122		2,722,361
QI3796	FHLMC	6.500	1,856,701		1,848,488
QI3797	FHLMC	7.000	1,190,669		1,188,796
QI4711	FHLMC	7.000	2,296,680		2,292,291
QI5756	FHLMC	7.250	520,817		520,397
DA6912	FNMA	7.000	1,180,592		1,177,668
DA6913	FNMA	7.500	1,033,276		1,028,605
DA7930	FNMA	7.000	1,041,319		1,038,090
DA7931	FNMA	7.500	1,196,677		1,194,149
DA9252	FNMA	6.500	1,079,341		1,076,623
DA9263	FNMA	6.500	1,977,086		1,971,401
DA9264	FNMA	7.000	1,058,875		1,056,261
DB0579	FNMA	6.500	3,493,789		3,484,102
DB0604	FNMA	6.500	2,761,428		2,754,315
DB0916	FNMA	6.500	1,037,323		1,035,591
DB0917	FNMA	7.000	1,783,063		1,780,287
DB2654	FNMA	7.000	1,097,715		1,095,953



2024 DE, cont.

		Pass-Through	Pi	rincipal Amount At	Principal Amount	
Pool Number	Pool Type	Interest Rate		Acquisition		Outstanding
DB2655	FNMA	7.000 %	\$	2,789,589	\$	2,785,272
CZ4795	GNMA	6.250		1,005,507		1,002,702
CZ4796	GNMA	6.750		1,565,118		1,560,937
CZ4797	GNMA	7.000		1,535,656		1,532,017
CZ4798	GNMA	7.250		1,051,076		1,048,335
CZ4799	GNMA	7.375		2,087,451		2,082,808
CZ4800	GNMA	7.500		1,024,657		1,022,418
CZ5014	GNMA	6.250		2,015,069		2,009,435
CZ5015	GNMA	6.500		2,725,979		2,718,669
CZ5016	GNMA	6.625		1,338,685		1,332,309
CZ5017	GNMA	6.875		1,047,254		1,044,676
CZ5018	GNMA	7.000		1,034,883		1,032,365
CZ5019	GNMA	7.125		1,081,936		1,079,387
CZ5020	GNMA	7.250		1,039,045		1,036,680
CZ5021	GNMA	7.250		1,202,758		1,200,129
DA4675	GNMA	6.250		1,016,061		1,011,304
DA4676	GNMA	6.375		1,798,199		1,793,408
DA4677	GNMA	6.500		1,774,621		1,769,997
DA4678	GNMA	7.000		1,017,559		1,014,665
DA4879	GNMA	6.250		1,006,587		1,004,790
DA4880	GNMA	6.375		1,544,356		1,541,507
DA4881	GNMA	6.625		3,034,765		3,029,449
2024 DE Total			\$	75,999,644	\$	75,810,508



2024 FGHI

		Pass-Through	Principal Amount At	Principal Amount	
Pool Number	Pool Type	Interest Rate	Acquisition		Outstanding
QI2566	FHLMC	6.500 %	\$ 367,149	\$	367,149
QI4709	FHLMC	6.500	561,462		561,462
QI5750	FHLMC	6.500	301,259		301,259
QI6704	FHLMC	6.500	5,775,665		5,770,673
QI6705	FHLMC	7.000	4,567,453		4,563,963
QI7802	FHLMC	6.500	2,095,017		2,095,017
QI7803	FHLMC	7.000	4,804,187		4,804,187
QI7804	FHLMC	7.500	783,375		783,375
Q18582	FHLMC	6.500	261,155		261,155
Q18583	FHLMC	7.000	4,516,052		4,516,052
Q18584	FHLMC	7.500	397,640		397,640
DB0603	FNMA	6.500	429,442		429,442
DB2652	FNMA	6.500	835,356		835,356
DB2653	FNMA	6.500	266,343		266,343
DB4649	FNMA	6.500	2,947,522		2,944,767
DB4650	FNMA	7.000	4,868,500		4,864,791
DB5873	FNMA	6.500	2,557,756		2,557,756
DB5874	FNMA	7.000	8,487,674		8,487,674
DB5876	FNMA	7.000	407,545		407,545
DB5902	FNMA	6.500	89,000		89,000
DB5903	FNMA	7.000	5,391,295		5,391,295
DB5904	FNMA	7.500	753,250		753,250



Residential Housing Finance Bond Resolution Mortgage-Backed Securities Purchased with Bond Proceeds Information as of June 30, 2024

2024 FGHI, cont.

		Pass-Through	Pri	ncipal Amount At		Principal Amount		
Pool Number Pool Type		Interest Rate		Acquisition			Outstanding	
DA5234	GNMA	6.375 %	\$	1,456,116		\$	1,456,116	
DA5235	GNMA	6.500		4,880,096			4,880,096	
DA5236	GNMA	6.625		4,015,840			4,015,840	
DA5237	GNMA	6.750		2,287,749			2,287,749	
DA5238	GNMA	6.875		1,980,652			1,980,652	
DA5239	GNMA	7.000		7,141,524			7,141,524	
2024 FGHI To	otal		\$	73,226,073	,	\$	73,211,127	



Residential Housing Finance Bond Resolution Mortgage-Backed Securities Purchased with Bond Proceeds Information as of June 30, 2024

2024 JK

		Pass-Through	Principal Amount At	F	Principal Amount
Pool Number	Pool Type	Interest Rate	Acquisition		Outstanding
QI4710	FHLMC	6.375 %	\$ 1,029,741	\$	1,029,741
QI5751	FHLMC	7.000	842,069		842,069
QI5752	FHLMC	6.500	990,047		990,047
QI5754	FHLMC	7.000	577,349		577,349
QI6709	FHLMC	6.500	433,078		433,078
QI6710	FHLMC	7.000	1,965,318		1,965,318
Q17808	FHLMC	6.500	292,543		292,543
Q17809	FHLMC	7.000	2,169,157		2,169,157
QI7810	FHLMC	7.500	606,568		606,568
Q18587	FHLMC	7.000	801,746		801,746
Q18588	FHLMC	7.500	821,971		821,971
DA6911	FNMA	7.500	845,507		845,507
DB3505	FNMA	6.500	299,560		299,560
DB3506	FNMA	7.000	2,651,996		2,651,996
DB4654	FNMA	6.500	299,249		299,249
DB4655	FNMA	7.000	2,286,774		2,286,774
DB5877	FNMA	7.000	2,286,918		2,286,918
DB5878	FNMA	7.500	649,450		649,450
DB5906	FNMA	6.500	75,754		75,754
DB5907	FNMA	7.000	103,500		103,500
DB5908	FNMA	7.500	542,345		542,345
CZ4792	GNMA	6.875	812,553		812,553
DA4672	GNMA	6.250	602,794		602,794
DA5062	GNMA	6.500	655,291		655,291



Residential Housing Finance Bond Resolution Mortgage-Backed Securities Purchased with Bond Proceeds Information as of June 30, 2024

2024 JK, cont.

		Pass-Through	Principal Amount At			Principal Amount		
Pool Number Pool Type		Interest Rate		Acquisition		Outstanding		
DA5063	GNMA	6.625 %	\$	6,134,531		\$	6,134,531	
DA5064	GNMA	6.875		3,603,126			3,603,126	
DA5244	GNMA	6.250		259,969			259,969	
DA5245	GNMA	6.625		2,132,925			2,132,925	
DA5246	GNMA	6.750		2,514,306			2,514,306	
DA5247	GNMA	7.000		1,496,510			1,496,510	
DA5248	GNMA	7.375		657,863			657,863	
2024 JK Total			\$	39,440,507	•	\$	39,440,507	



Residential Housing Finance Bond Resolution Whole Loan Mortgage Insurance Information as of June 30, 2024

			Rural				Other Private			
Series	FHA	VA	Development		MGIC	Genworth	Mortgage Insurers	*	Uninsured	Total
Retired	\$ 8,143,501 \$	279,115	\$ 2,894,128	\$	3,794 \$	-	\$ -	\$	2,848,884	\$ 14,169,422
07M	466,148	56,534	494,493		462,672	84,930	98,279		1,558,663	3,221,719
07M-40 Year	-	-	-		679,642	-	362,462		404,800	1,446,904
13ABC	1,877,052	58,488	1,323,703		89,396	-	-		2,752,482	6,101,121
14A	850,309	49,747	375,874		-	11,252	8,044		516,986	1,812,212
14B	1,686,954	9,510	460,675		15,732	1,098	-		512,359	2,686,328
14CDE	7,009,421	494,897	6,461,682		750,137	-	450,440		15,108,439	30,275,016
15ABCD	2,477,859	60,949	1,422,770		63,546	125,926	-		5,321,981	9,473,031
15ABCD-40 Year	-	-	-		113,341	-	612,989		153,815	880,145
15EFG	3,676,074	192,065	4,251,014		650,783	181,117	345,423		8,705,420	18,001,896
15EFG-40 Year	-	-	-		625,290	150,737	957,622		1,536,676	3,270,325
16ABC	1,008,513	182,905	2,140,063		1,157,471	345,844	470,479		6,850,728	12,156,003
16ABC-40 Year	-	-	-		1,686,568	595,150	1,008,489		1,620,649	4,910,856
16DEF	1,182,859	128,747	910,366		697,333	126,523	145,660		2,443,168	5,634,656
16DEF-40 Year	-	-	-		1,012,356	-	539,904		602,967	2,155,227
17ABC	6,005,731	28,264	2,900,993		528,156	155,670	-		4,110,764	13,729,578
17ABC-40 Year	-	-	-		1,618,035	425,374	625,885		2,059,987	4,729,281
17DEF	3,477,648	-	651,738		-	30,360	-		2,224,643	6,384,389
17DEF-40 Year	-	-	-		947,718	-	284,081		1,242,639	2,474,438
18ABCD	3,429,565	-	1,799,078		-	7,681	-		1,800,056	7,036,380
19ABCD	 10,187,589	47,266	1,808,245		57,969	11,692	19,517		1,944,042	14,076,320
Total Bond Financed	\$ 51,479,223 \$	1,588,487	\$ 27,894,822	\$	11,159,939 \$	2,253,354	\$ 5,929,274	\$	64,320,148	\$ 164,625,247
	 31.27%	0.96%	16.94%	,)	6.78%	1.37%	3.60%	ó	39.07%	100.00%

RMIC 1.572%, United 1.073%, PMI 0.519%, Radian Guarantee Fund 0.246%, Commonwealth 0.012%, Triad 0.180%, Amerin 0.000%

Residential Housing Finance Bond Resolution Whole Loan Mortgages Delinquency and Foreclosure Statistics Information as of June 30, 2024



Payments Past Due as a Percentage of the Number of Loans Outstanding

			30-59	Days	60-89	Days	90-119	Days	120 Day		Total (2)
Bond Financed:	Number of Loans	Balance Outstanding	#	%	#	%	#	%	#	%	%
Retired	403.5	\$14,169,422	20.0	4.96	8.0	1.98	3.0	0.74	5.0	1.24	3.97
07M	47.2	3,221,719	3.0	6.36	1.0	2.12	0.4	0.85	1.0	2.12	5.08
07M-40 Yr	10.6	1,446,904	-	-	-	-	-	-	-	-	-
13ABC	137.0	6,101,121	9.0	6.57	2.0	1.46	-	-	2.0	1.46	2.92
14A	106.0	1,812,212	1.0	0.94	1.0	0.94	-	-	-	-	0.94
14B	99.0	2,686,328	1.0	1.01	2.0	2.02	-	-	-	-	2.02
14CDE	478.0	30,275,016	16.0	3.35	7.0	1.46	3.0	0.63	10.0	2.09	4.18
15ABCD	131.0	9,473,031	8.0	6.11	5.0	3.82	2.0	1.53	4.0	3.05	8.40
15ABCD-40 Year	6.0	880,145	-	-	-	-	1.0	16.67	-	-	16.67
15EFG	289.0	18,001,896	14.0	4.84	1.0	0.35	3.0	1.04	11.0	3.81	5.19
15EFG-40 Year	25.0	3,270,325	-	-	1.0	4.00	-	-	-	-	4.00
16ABC	170.0	12,156,003	8.5	5.00	4.5	2.65	1.0	0.59	3.5	2.06	5.29
16ABC-40 Year	38.0	4,910,856	-	-	1.0	2.63	-	-	1.0	2.63	5.26
16DEF	124.8	5,634,656	9.5	7.61	1.5	1.20	0.6	0.48	2.5	2.00	3.69
16DEF-40 Year	15.4	2,155,227	-	-	-	-	-	-	-	-	-
17ABC	214.0	13,729,578	12.5	5.84	2.5	1.17	3.0	1.40	7.0	3.27	5.84
17ABC-40 Year	45.0	4,729,281	3.0	6.67	1.0	2.22	-	-	-	-	2.22
17DEF	91.0	6,384,389	2.0	2.20	3.0	3.30	-	-	3.0	3.30	6.59
17DEF-40 Year	23.0	2,474,438	-	-	-	-	-	-	-	-	-
18ABCD	167.5	7,036,380	9.0	5.37	1.0	0.60	-	-	6.0	3.58	4.18
19ABCD	321.0	14,076,320	24.5	7.63	4.5	1.40	1.0	0.31	6.0	1.87	3.58
Total Bond Financed	2,942.0	\$164,625,247	141.0	4.79	47.0	1.60	18.0	0.61	62.0	2.11	4.32

All Loans are serviced by US Bank Home Mortgage.

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata. However, mortgage loans that were originated with 07LM Bonds were funded with proceeds of 07L (and series of Bonds that refunded 07L) and 07M in the fractions of 0.6 and 0.4, respectively. Currently, allocation of repayments and prepayments to each funding source may be expressed in multiples of 0.1.

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(2) 30-59 days not included in total.

See page G-2 for comparative delinquency and foreclosure statistics.

⁽¹⁾ Included in "Foreclosures" are loans for which the sheriff's sale has been held and the redemption period (generally six months) has not yet elapsed in addition to those customarily included in delinquency statistics.

Residential Housing Finance Bond Resolution Whole Loan Mortgages Delinquency and Foreclosure Statistics Information as of June 30, 2024



continued from page G-1.

Comparative 60+ Day Delinquency Statistics ⁽¹⁾	3/31/2024	6/30/2024
Residential Housing Finance Bond Resolution Loan Portfolio	3.30%	3.17%
Mortgage Bankers Association of America, Minnesota ⁽²⁾	2.43%	NA
Mortgage Bankers Association of America, National ⁽²⁾	2.45%	NA
Comparative Foreclosure Statistics ⁽³⁾	3/31/2024	6/30/2024
Residential Housing Finance Bond Resolution Loan Portfolio	1.13%	0.99%
Mortgage Bankers Association of America, Minnesota ⁽²⁾	0.62%	NA
Mortgage Bankers Association of America, National (2)	0.60%	NA

⁽¹⁾ This table compares 60+ day delinquency statistics. The delinquency rates do not include those delinquent loans referred to an attorney, where the first legal documents have been filed, or where any further foreclosure proceedings have occurred. Thus, the percentage for the Residential Housing Finance Bond Resolution loan portfolio differs from that in the table on page G-1.

Refer to the disclaimer on page A-1 G-2

⁽²⁾ Mortgage Bankers Association of America average of 60+ days delinquency and foreclosure statistics adjusted by the Agency to reflect the proportions of insurance types in the Residential Housing Finance Bond Resolution loan portfolio. The unadjusted 3/31/24 Mortgage Bankers Association of America average 60+ days delinquency rate is 1.52% Minnesota and 1.99% national. The unadjusted 3/31/24 Mortgage Bankers Association of America foreclosure rate is 0.31% Minnesota and 0.44% national. None of the delinquency and foreclosure rates presented are seasonally adjusted. Reprinted by permission of the Mortgage Bankers Association. For more information, contact the Mortgage Bankers Association, 1331 L Street NW, Washington D.C. 20005, (202) 557-2700 http://www.mortgagebankers.org

⁽³⁾ This table compares foreclosure statistics, where "foreclosures" include only those loans referred to an attorney and with the first legal documents filed, but not loans for which a foreclosure sale has been held. Thus, the percentage for the Residential Housing Finance Bond Resolution loan portfolio is not directly comparable to the table on page G-1.



Residential Housing Finance Bond Resolution Whole Loan Mortgages Real Estate Owned Activity on Uninsured Loans Information as of June 30, 2024

		Real Estate Owned*									
Series	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due						
07M	0.2	2,156	10,780	2,156	10,780						
15EFG	1.0	45,180	45,180	4,936	4,936						
16DEF	0.3	3,235	10,783	3,875	12,917						
17ABC	1.5	167,419	111,613	22,407	14,938						
19ABCD	1.0	21,176	21,176	23,819	23,819						
Total	4.0	\$ 239,166	\$ 59,792	\$ 57,193	\$ 14,298						

^{*}MHFA holds title - property is not sold.





REO Pending Claims* PMI

Bond Financed	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
13ABC	1.0	26,794.0	26,794	20,392.0	20,392
14A	1.0	13,549.0	13,549	(6,581)	(6,581)
15EFG	1.0	52,114	52,114	(20,444)	(20,444)
15EFG-40 Year	1.0	172,406	172,406	207,116	207,116
17ABC	1.0	121,099	121,099	149,665	149,665
Total	5.0	\$ 385,962	\$ 77,192	\$ 350,148	\$ 70,030

^{*}MHFA has not received all proceeds/cost of sale.

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata. However, mortgage loans that were originated with 07LM Bonds were funded with proceeds of 07L (and series of Bonds that refunded 07L) and 07M in the fractions of 0.6 and 0.4, respectively. Currently, allocation of repayments and prepayments to each funding source may be expressed in multiples of 0.1.



Residential Housing Finance Bond Resolution Whole Loan Mortgages FHA Mortgage Insurance/VA Guaranty Pending Claims Information as of June 30, 2024

	FHA/VA Mortgage Insurance/VA Guaranty Pendin										
	No. of		Average	Net Amount	Average Net						
Series	Prop.	Loan Balance	Balance	Due	Due						
					_						
15EFG	0.5	71,477	142,954	(12,319)	(24,638)						
16ABC	0.5	71,477	142,954	10,284	20,568						
Total	1.0	\$ 142,954	\$ 142,954	\$ (2,035)	\$ (2,035)						

^{*}The Agency has not received all proceeds/cost of sale - property has been sold.

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interes payments on the mortgage loan are not allocated pro rata. However, mortgage loans that were originated with 07LM Bonds were funded with proceeds of 07L (and series of Bonds that refunded 07L) and 07M in the fractions of 0.6 and 0.4, respectively. Currently, allocation of repayments and prepayments to each funding source may be expressed in multiples of 0.1.



Residential Housing Finance Bond Resolution Whole Loan Mortgages Real Estate Owned/Completed Insurance Claims Activity Cumulative Information as of June 30, 2024

	Completed Claims (1)									
Series	No. of Prop.				Average Balance Gain (Loss)				Average Gain (Loss)	
Bond Financed:										
RHFB Retired	3,684.3	\$	431,294,387	\$	117,063	\$	(83,175,174)	\$	(22,576)	
RHFB 07M	103.4	•	12,882,656		124,590		(3,014,135)	•	(29,150)	
RHFB 07M-40 Year	35.2		5,578,723		158,486		(1,508,898)		(42,866)	
RHFB 2013ABC	52.5		3,602,668		68,622		(432,123)		(8,231)	
RHFB 2014A	5.0		191,894		38,379		(357)		(71)	
RHFB 2014B	9.0		479,856		53,317		14,590		1,621	
RHFB 2014CDE	94.0		8,583,492		91,314		(1,093,268)		(11,631)	
RHFB 2015ABCD	43.5		3,966,359		91,181		(436,806)		(10,042)	
RHFB 2015ABCD-40 YR	2.0		356,538		178,269		(55,490)		(27,745)	
RHFB 2015EFG	47.5		4,445,240		93,584		(558,746)		(11,763)	
RHFB 2015EFG-40 Year	14.0		2,069,353		147,811		(220,645)		(15,760)	
RHFB 2016ABC	42.0		4,400,340		104,770		(379,246)		(9,030)	
RHFB 2016ABC-40 Year	12.0		1,820,797		151,733		(130,574)		(10,881)	
RHFB 2016DEF	16.0		1,232,340		77,021		(92,583)		(5,786)	
RHFB 2016DEF-40 Year	3.6		456,731		126,870		(32,027)		(8,896)	
RHFB 2017ABC	20.0		1,752,928		87,646		(56,250)		(2,813)	
RHFB 2017ABC-40 Year	4.0		478,396		119,599		(28,905)		(7,226)	
RHFB 2017DEF	10.0		891,592		89,159		(46,358)		(4,636)	
RHFB 2018ABCD	4.0		168,806		42,202		(5,711)		(1,428)	
RHFB 2019ABCD	8.0		517,735		64,717		(83,984)		(10,498)	
Total	4,210.0	\$	485,170,831	\$	115,242	\$	(91,336,690)	\$	(21,695)	

⁽¹⁾ The Agency has received all proceeds - loans written off.

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata. However, mortgage loans that were originated with 07LM Bonds were funded with proceeds of 07L (and series of Bonds that refunded 07L) and 07M in the fractions of 0.6 and 0.4, respectively. Currently, allocation of repayments and prepayments to each funding source may be expressed in multiples of 0.1.

⁽²⁾ Real Estate Owned is carried at the unpaid principal and interest amount as of the date title is transferred to the Agency plus improvements and maintenance costs less any insurance or sale proceeds received. The carrying value is reduced by any expected loss on disposition of the property. The Agency stops accruing interest on loans as of the date title to the underlying property is transferred to the Agency, because it is impossible to accurately predict the date of receipt and amount of final insurance proceeds. In some instances, a portion or all of the unrecorded interest income is paid by the insurer. An accounting gain for an individual loan results when the interest paid by the insurer exceeds the unreimbursed expenses of foreclosure.



Residential Housing Finance Bond Resolution Whole Loan Mortgages Prepayment Report Information as of June 30, 2024

Prepayments/REO
Total Loan Purchases 12 Months Ended 6/30/2024

		lotai Lo	an Purchases	12 Months End	ed 6/30/2024			
Bond Financed	Weighted Average Interest Rate Based on Total Loans Purchased	# of Loans	Amount	# of Loans	Amount	Curtailments 12 Months Ended 06/30/2024	Prepayments/ REO Total # to Date	Curtailments and Prepayments/ REO Total To Date
RHFB Retired	5.89 %	15,572.7	\$ 1,649,820,518	31.0 \$	771,002	\$ 181,331	15,176.0	\$ 1,271,307,555
RHFB 2007M	5.96	435.3	51,601,162	2.6	164,616	45,148	387.8	43,074,028
RHFB 2007M-40 Yr	6.09	87.6	13,786,495	1.2	140,341	2,496	77.2	9,878,129
RHFB 2013ABC	5.96	641.0	42,482,583	44.0	415,515	154,653	503.0	23,854,535
RHFB 2014A	6.13	381.0	15,938,679	18.0	111,350	37,717	274.0	7,625,416
RHFB 2014B	6.13	419.0	15,978,942	18.0	158,120	50,739	319.0	6,115,389
RHFB 2014CDE	5.15	1,554.0	147,424,535	43.5	1,620,118	341,121	1,075.5	87,465,123
RHFB 2015ABCD	5.56	538.0	52,474,015	14.0	433,224	76,944	407.0	34,732,631
RHFB 2015ABCD-40 Yr	5.56	20.0	3,064,439	-	-	157	14.0	1,916,788
RHFB 2015EFG	5.68	886.0	80,106,833	25.5	1,379,776	189,201	594.0	47,190,994
RHFB 2015EFG-40yr	5.47	105.0	15,680,365	2.0	228,097	59,041	79.0	10,726,494
RHFB 2016ABC	5.93	567.0	59,751,015	11.5	708,080	102,193	396.5	39,554,583
RHFB 2016ABC-40 Yr	5.93	151.0	22,027,528	2.0	89,658	36,627	113.0	15,117,742
RHFB 2016DEF	5.68	392.3	27,242,103	10.9	378,766	88,614	267.3	16,254,723
RHFB 2016DEF-40 Yr	5.38	55.6	8,084,772	1.8	209,045	3,720	40.2	5,262,197
RHFB 2017ABC	5.82	518.0	45,579,077	14.5	826,852	90,720	302.0	24,570,597
RHFB 2017ABC-40 Yr	5.79	102.0	12,928,653	-	-	13,594	57.0	6,858,573
RHFB 2017DEF	5.73	226.0	20,736,955	7.0	311,815	87,181	135.0	11,008,576
RHFB 2017DEF-40 Yr	5.54	48.0	5,841,813	-	-	27,708	25.0	2,751,188
RHFB 2018ABCD	5.17	307.5	19,253,174	8.0	282,667	106,952	140.0	6,907,959
RHFB 2019ABCD	5.85	556.0	31,227,433	23.5	659,433	173,938	233.0	10,589,558
Total Bond Financed	5.82 %	23,563.0	\$ 2,341,031,089	279.0 \$	8,888,475	\$ 1,869,795	20,615.5	\$ 1,682,762,778

If the number of properties allocated to a series of Bonds in the table is expressed in an increment of 0.5, the allocation reflects the fact that proceeds of Bonds of the series were used, with an equal amount of funds from another source (which may be another series of Bonds) to purchase the mortgage loan that financed the property. In such cases, while principal repayments and prepayments are allocated equally to each funding source, interest payments on the mortgage loan are not allocated pro rata. However, mortgage loans that were originated with 07LM Bonds were funded with proceeds of 07L (and series of Bonds that refunded 07L) and 07M in the fractions of 0.6 and 0.4, respectively. Currently, allocation of repayments and prepayments to each funding source may be expressed in multiples of 0.1.



Series	Weighted Average Pass- Through Rate (Based on Total Pools Purchased)	Total MBS Purchased*	Prepayments 12 Months Ended 06/30/2024	Curtailments 12 Months Ended 06/30/2024	Prepayments to Date	Curtailments to Date	Total Curtailments and Prepayments to Date
RETIRED	3.845%	\$ 84,473,410	\$ 375,063	\$ 152,539	\$ 58,908,323	\$ 1,593,298	\$ 60,501,621
13ABC	2.633%	42,301,165	375,003	139,476	25,681,687	1,027,529	26,709,216
14A	3.207%	50,003,520	244,584	103,221	32,904,608	948,017	33,852,625
14B	3.335%	50,005,520	427,782	42,054	36,711,320	661,610	37,372,930
14CDE	3.514%	78,421,289	665,027	88,855	52,861,409	761,596	53,623,005
15ABCD	3.271%	64,030,055	347,877	51,440	43,129,062	535,990	43,665,052
15EFG	3.537%	74,399,612	· · · · · · · · · · · · · · · · · · ·	94,697	50,345,137	800,101	
16ABC	3.423%	74,399,612	734,252 867,022	· · · · · · · · · · · · · · · · · · ·	47,255,809	669,880	51,145,238
16DEF	3.423%	100,005,295	· · · · · · · · · · · · · · · · · · ·	49,785 78,623	57,199,091		47,925,689 59,173,613
17ABC			1,788,859	· · · · · · · · · · · · · · · · · · ·		974,522	58,173,613
	3.699%	61,941,131	1,352,652	114,477	37,936,999	796,562	38,733,561
17DEF	3.557%	120,302,613	2,383,503	289,763	73,390,524	1,198,345	74,588,869
18ABCD 18EFGH	4.024%	130,018,127	2,608,295	330,524	84,064,401	1,646,709	85,711,110 97,390,376
	4.323%	154,972,094	4,658,811	158,622	96,307,304	1,083,072	, , ,
19ABCD	4.521%	159,203,906	2,735,691	342,847	101,362,716	1,607,726	102,970,442
19EFGH	3.517%	200,401,109	4,628,354	159,178	103,018,252	1,162,343	104,180,595
20ABC	3.154%	230,317,996	7,538,322	545,117	93,729,295	1,655,819	95,385,114
20DE	3.198%	149,919,572	6,109,373	285,222	45,720,340	1,021,692	46,742,032
20FG	3.064%	125,182,925	5,283,639	538,654	27,035,142	912,026	27,947,168
20HI	2.887%	125,009,125	4,137,984	255,714	19,071,423	636,167	19,707,590
21AB	2.659%	118,855,164	4,476,791	408,318	14,449,849	763,382	15,213,231
21CD	2.920%	176,310,684	5,058,679	903,945	20,721,948	2,071,203	22,793,151
21EF	2.762%	142,790,337	5,129,126	574,976	12,313,854	1,272,946	13,586,800
21GHI	2.768%	175,023,534	5,043,578	519,197	8,797,469	1,025,585	9,823,054
22AB	3.017%	99,994,603	3,117,260	176,669	4,782,664	291,970	5,074,634
22CD	2.885%	150,129,571	5,147,748	537,196	7,816,518	833,089	8,649,607
22EF	4.773%	150,116,501	3,164,809	857,240	3,549,243	973,442	4,522,685
22GH	5.283%	150,008,037	2,480,084	1,078,813	2,810,063	1,179,906	3,989,969
22IJK	5.577%	100,053,958	3,768,296	315,938	4,300,706	374,040	4,674,746
22LMN	6.297%	150,287,557	5,477,403	465,098	5,928,750	523,348	6,452,098
23ABC	5.822%	100,567,545	1,171,557	339,628	1,171,557	352,902	1,524,459
23DE	6.197%	120,876,516	1,331,238	141,451	1,331,238	144,245	1,475,483
23FG	6.340%	150,363,133	3,025,697	151,936	3,025,697	151,936	3,177,633
23HI	6.264%	100,022,793	1,228,615	421,972	1,228,615	421,972	1,650,587
23JK	6.583%	150,256,790	3,182,500	111,523	3,182,500	111,523	3,294,023
23LM	6.666%	100,224,142	1,111,151	594,525	1,111,151	594,525	1,705,676
23NOPQ	6.955%	150,021,448	766,762	119,902	766,762	119,902	886,664
23RST	6.842%	175,006,439	165,546	199,622	165,546	199,622	365,168
23UV	7.011%	70,030,359	-	340,600	-	340,600	340,600
24ABC	6.546%	125,002,050	-	30,689	-	30,689	30,689
24DE	6.828%	75,999,644	-	20,643	-	20,643	20,643
24FGHI	6.823%	73,226,073	44	4,981	44	4,981	5,025
24JK	6.870%	39,440,507	<u> </u>	-	-	-	<u> </u>
Total	4.530%	\$ 4,920,508,646	\$ 102,105,368	\$ 12,135,670	\$ 1,184,087,016	\$ 31,495,455	\$ 1,215,582,471

^{*}Total MBS Purchased in this Schedule M does not equal the aggregate Principal Amount at Acquisition in Schedule E. The Total MBS Purchased includes the outstanding principal amount of mortgage-backed securities when originally acquired by the Agency with proceeds of bonds, but before the subsequent granting of participation interests in certain mortgage-backed securities as described in Schedule E. Some principal of the mortgage-backed securities subject to subsequently formed participation interests was paid prior to the establishment of the participation interests and that amount represents the difference between Total MBS Purchased in this Schedule M and the aggregate of Principal Amount at Acquisition in Schedule E. In addition, the aggregate Principal Amount at Acquisition in Schedule E does not include the principal of mortgage-backed securities that had no principal amount outstanding when the bonds issued to acquire those mortgage-backed securities were retired.

Refer to disclaimer on page A-1.



Series Excess
Revenues (including

			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
		•				•	2222
2007 M*	1/1/2008		\$ 35,000			\$ 35,000	2038
	7/1/2008		405,000	-	-	405,000	2038
	1/1/2009		630,000	-	-	630,000	2038
	7/1/2009		1,285,000	-	-	1,285,000	2038
	1/1/2010		1,695,000	-	-	1,695,000	2038
	7/1/2010		2,080,000	-	-	2,080,000	2038
	1/1/2011		2,735,000	-	-	2,735,000	2038
	7/1/2011		3,705,000	-	-	3,705,000	2038
	1/1/2012		2,515,000	-	-	2,515,000	2038
	7/1/2012		3,680,000	-	-	3,680,000	2038
	1/1/2013		3,330,000	-	-	3,330,000	2038
	7/1/2013	-	3,765,000	-	-	3,765,000	2038
	1/1/2014	-	3,565,000	-	-	3,565,000	2038
	7/1/2014	-	2,705,000	-	-	2,705,000	2038
	1/1/2015	-	1,987,446	-	1,132,554	3,120,000	2038
	7/1/2015	-	1,673,605	-	706,395	2,380,000	2038
	1/1/2016	-	1,567,886	-	752,114	2,320,000	2038
	7/1/2016	-	2,570,000	-		2,570,000	2038
	1/1/2017	-	2,550,847	-	514,153	3,065,000	2038
	7/1/2017	-	2,206,750	68,250	-	2,275,000	2038
	1/1/2018	-	2,279,500	70,500	-	2,350,000	2038
	7/1/2018	-	1,527,750	47,250	-	1,575,000	2038
	1/1/2019		1,391,950	43,050	-	1,435,000	2038
	7/1/2019		931,200	28,800	-	960,000	2038
	1/1/2020		1,290,100	39,900	-	1,330,000	2038
	7/1/2020		785,700	24,300	-	810,000	2038
	1/1/2021		1,193,100	36,900	-	1,230,000	2038
	7/1/2021		1,416,200	43,800	-	1,460,000	2038
	1/1/2022		1,003,950	31,050	_	1,035,000	2038
	7/1/2022		1,018,500	31,500	-	1,050,000	2038
	1/1/2023		329,800	10,200	_	340,000	2038
	7/1/2023		227,950	7,050	_	235,000	2038
	1/1/2024		465,600	14,400	_	480,000	2038
Total 2007 M	1/1/2024		58,547,834	496,950	3,105,216	62,150,000	2000
			20,011,001	100,000	0,100,210	32,133,000	

^{*} Prepayments for 2007M include repayments.



Series Excess
Revenues (including

Series Bond Call Date Unexpended Proceeds Prepayments) Reserve Excess Other Total 2013 C 12/1/2013 \$ - \$ 199,105 \$ 5,895 \$ - \$ 1/1,351 - \$ 1/1,351<	205,000 560,000 430,000 390,000 195,000	Maturity Date(s) of Bond(s) Called 2020-2023, 2033, 2038 & 2043 2019-2023, 2033, 2038 & 2043 2019-2023, 2033, 2038 & 2043 2019-2023, 2033, 2038 & 2043
1/1/2014 - 542,649 17,351 - 6/1/2014 - 417,818 12,182 -	560,000 430,000 390,000 195,000	2019-2023, 2033, 2038 & 2043 2019-2023, 2033, 2038 & 2043
1/1/2014 - 542,649 17,351 - 6/1/2014 - 417,818 12,182 -	560,000 430,000 390,000 195,000	2019-2023, 2033, 2038 & 2043 2019-2023, 2033, 2038 & 2043
6/1/2014 - 417,818 12,182 -	430,000 390,000 195,000	2019-2023, 2033, 2038 & 2043
	390,000 195,000	
7/1/2014 - 330,330 - 31,070 -	195,000	
12/1/2014 - 189,077 5,923 -		2020-2023, 2033, 2038 & 2043
1/1/2015 - 699,151 45,849 -	745,000	2019-2023, 2033, 2038 & 2043
6/1/2015 - 29,100 900 -	30,000	2023, 2033, 2038 & 2043
7/1/2015 - 651,370 43,630 -	695,000	2019-2023, 2033, 2038 & 2043
11/1/2015 - 14,550 450 -	15,000	2023, 2038 & 2043
12/1/2015 - 654,750 20,250 -	675,000	2019-2023, 2033, 2038 & 2043
4/4/0040	80,000	2021-2023, 2033, 2038 & 2043
	30,000	2023, 2033, 2038 & 2043
		2023, 2033, 2038 & 2043
7/1/2016 - 1,350,788 69,212 -	1,420,000	
9/1/2016 - 106,700 3,300 -	110,000	2020-2023, 2033, 2038 & 2043
10/1/2016 - 24,250 750 -	25,000	2023, 2033, 2038 & 2043
11/1/2016 - 368,600 11,400 -	380,000	2020-2023, 2033, 2038 & 2043
12/1/2016 - 625,650 19,350 -	645,000	2019-2023, 2033, 2038 & 2043
1/1/2017 - 345,865 29,135 -	375,000	2020-2023, 2033, 2038 & 2043
4/1/2017 - 106,700 3,300 -	110,000	2020-2023, 2033, 2038 & 2043
5/1/2017 - 281,300 8,700 -	290,000	2020-2023, 2033, 2038 & 2043
6/1/2017 - 402,550 12,450 -	415,000	2019-2023, 2033, 2038 & 2043
7/1/2017 - 79,554 10,446 -	90,000	2021-2023, 2033, 2038 & 2043
1/1/2018 - 587,475 42,525 -	630,000	2019-2023, 2033, 2038 & 2043
4/1/2018 - 271,600 8,400 -	280,000	2020-2023, 2033, 2038 & 2043
5/1/2018 - 368,600 11,400 -	380,000	2020-2023, 2033 & 2043
6/1/2018 - 451,050 13,950 -	465,000	2019-2023, 2033, 2038 & 2043
7/1/2018 - 105,259 14,741 -	120,000	2020-2023, 2033, 2038 & 2043
10/1/2018 - 24,250 750 -	25,000	2022-2023, 2033, 2038 & 2043
11/1/2018 - 402,550 12,450 -	415,000	2019-2023, 2033, 2038 & 2043
12/1/2018 - 300,700 9,300 -	310,000	2020-2023, 2033, 2038 & 2043
1/1/2019 - 1,479,899 75,101 -	1,555,000	2019-2023, 2033, 2038 & 2043
4/1/2019 - 48,500 1,500 -	50,000	2022-2023, 2033, 2038 & 2043
5/1/2019 - 169,750 5,250 -	175,000	2020-2023, 2033, 2038 & 2043
6/1/2019 - 77,600 2,400 -	80,000	2021-2023, 2033, 2038 & 2043
7/1/2019 - 327,696 32,304 -	360,000	2020-2023, 2033, 2038 & 2043
10/1/2019 - 203,700 6,300 -	210,000	2020-2023, 2033, 2038 & 2043
11/1/2019 - 203,700 6,300 -	210,000	2020-2023, 2033, 2038 & 2043
12/1/2019 - 315,250 9,750 -	325,000	2020-2023, 2033, 2038 & 2043
1/1/2020 - 303,484 31,516 -	335,000	2020-2023, 2033, 2038 & 2043
4/1/2020 - 344,350 10,650 -	355,000	2020-2023, 2033, 2038 & 2043
5/1/2020 - 494,700 15,300 -	510,000	2020-2023, 2033, 2038 & 2043
7/1/2020 - 265,435 29,565 -	295,000	2021-2023, 2033, 2038 & 2043
10/1/2020 - 24,250 750 -	25,000	2021-2023, 2033, 2038 & 2043
11/1/2020 - 582,000 18,000 -	600,000	2021-2023, 2033, 2038 & 2043
12/1/2020 - 310,400 9,600 -	320,000	2021-2023, 2033, 2038 & 2043
1/1/2021 - 485,092 39,908 -	525,000	2021-2023, 2033, 2038 & 2043
4/1/2021 - 164,900 5,100 -	170,000	2021-2023, 2033, 2038 & 2043
5/1/2021 - 645,050 19,950 -	665,000	2021-2023, 2033, 2038 & 2043
6/1/2021 - 722,650 22,350 -	745,000	2021-2023, 2033, 2038 & 2043
7/1/2021 - 424,191 35,809 -	460,000	2022-2023, 2033, 2038 & 2043



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	9/1/2021	-	203,700	6,300	-	210,000	2022-2023, 2033, 2038 & 2043
	10/1/2021	-	198,850	6,150	-	205,000	2022-2023, 2033, 2038 & 2043
	11/1/2021	-	189,150	5,850	-	195,000	2022-2023, 2033, 2038 & 2043
	12/1/2021	-	485,000	15,000	-	500,000	2022-2023, 2033, 2038 & 2043
	1/1/2022	-	238,536	26,464	-	265,000	2022-2023, 2033, 2038 & 2043
	4/1/2022	-	286,150	8,850	-	295,000	2022-2023, 2033, 2038 & 2043
	5/1/2022	-	247,350	7,650	-	255,000	2022-2023, 2033, 2038 & 2043
	6/1/2022	-	67,900	2,100	-	70,000	2022-2023, 2033, 2038 & 2043
	7/1/2022	-	186,212	23,788	-	210,000	2023, 2033,2038 & 2043
	11/1/2022	-	4,850	150	-	5,000	2038
	12/1/2022	-	43,650	1,350	-	45,000	2023, 2033, 2038 & 2043
	1/1/2023	-	55,456	14,544	-	70,000	2023, 2033, 2038 & 2043
	1/1/2024	-	673,819	21,181	-	695,000	2033, 2038 & 2043
Total 2013 C		-	20,532,434	992,566	-	21,525,000	



			Revenues (including					
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Т	otal Bonds Called	Maturity Date(s) of Bond(s) Called
0044.4	0/4/0044	Ф	A 450.050	Φ 4.050 Φ		•	455.000	2020
2014 A	8/1/2014		\$ 150,350			- \$	155,000	2038 2017-2018, 2027 & 2038
	9/1/2014		169,750	5,250		-	175,000	
	10/1/2014		150,350	4,650		-	155,000	2038
	11/1/2014		339,500	10,500		-	350,000	2015-2024, 2027 & 2038
	12/1/2014		451,050	13,950		-	465,000	2015-2024, 2027 & 2038
	1/1/2015		458,950	46,050		-	505,000	2015-2024, 2027 & 2038
	2/1/2015		155,200	4,800		-	160,000	2038
	3/1/2015		155,200	4,800		-	160,000	2038
	4/1/2015		232,800	7,200		-	240,000	2016, 2019-2024, 2027 & 2038
	5/1/2015		281,300	8,700		-	290,000	2015-2024, 2027 & 2038
	6/1/2015		334,650	10,350		-	345,000	2015-2024, 2027 & 2038
	7/1/2015		1,049,450	65,550		-	1,115,000	2016-2024, 2027 & 2038
	8/1/2015		184,300	5,700		-	190,000	2038
	9/1/2015		586,850	18,150		-	605,000	2016-2024, 2027 & 2038
	11/1/2015		1,246,450	38,550		-	1,285,000	2016-2024, 2027 & 2038
	12/1/2015		436,500	13,500		-	450,000	2016-2024, 2027 & 2038
	1/1/2016	-	352,550	42,450		-	395,000	2016-2024, 2027 & 2038
	2/1/2016	-	208,550	6,450		-	215,000	2038
	3/1/2016	-	213,400	6,600		-	220,000	2038
	4/1/2016	-	310,400	9,600		-	320,000	2016-2024, 2027 & 2038
	7/1/2016	-	1,748,750	86,250		-	1,835,000	2017-2024, 2027 & 2038
	8/1/2016	-	232,800	7,200		-	240,000	2038
	9/1/2016	-	237,650	7,350		-	245,000	2038
	10/1/2016	-	606,250	18,750		-	625,000	2017-2024, 2027 & 2038
	11/1/2016	-	829,350	25,650		-	855,000	2017-2024, 2027 & 2038
	12/1/2016	-	727,500	22,500		-	750,000	2017-2024, 2027 & 2038
	1/1/2017	<u>-</u>	684,900	50,100		-	735,000	2017-2024, 2027 & 2038
	2/1/2017	<u>-</u>	227,950	7,050		-	235,000	2038
	3/1/2017	<u>-</u>	227,950	7,050		-	235,000	2038
	4/1/2017	<u>-</u>	402,550	12,450		-	415,000	2017-2024, 2027 & 2038
	5/1/2017	<u>-</u>	674,150	20,850		-	695,000	2017-2024, 2027 & 2038
	6/1/2017		421,950	13,050		-	435,000	2017-2024, 2027 & 2038
	7/1/2017		852,200	52,800		-	905,000	2018-2024, 2027 & 2038
	8/1/2017		218,250	6,750		-	225,000	2038
	9/1/2017		218,250	6,750		-	225,000	2038
	10/1/2017		780,850	24,150		-	805,000	2018-2024, 2027 & 2038
	11/1/2017		771,150	23,850		-	795,000	2018-2024, 2027 & 2038
	12/1/2017		485,000	15,000		_	500,000	2018-2024, 2027 & 2038
	1/1/2018		579,650	40,350		_	620,000	2018-2024, 2027 & 2038
	2/1/2018		208,550	6,450		_	215,000	2038
	3/1/2018		121,250	3,750		_	125,000	2038
	4/1/2018		295,850	9,150		_	305,000	2038
	5/1/2018		174,600	5,400		_	180,000	2038
	6/1/2018		242,500	7,500		_	250,000	2019-2024, 2027 & 2038
	7/1/2018		827,750	47,250		_	875,000	2019-2024, 2027 & 2038
	8/1/2018		194,000	6,000		_	200,000	2019-2024, 2027 & 2036
	9/1/2018		397,700			_	410,000	2019-2024, 2027 & 2038
				12,300		-		2019-2024, 2027 & 2038
	10/1/2018		669,300	20,700		-	690,000	2019-2024, 2027 & 2036 2019-2024, 2027 & 2038
	11/1/2018		368,600 761,450	11,400		-	380,000	
	12/1/2018	-	761,450	23,550		-	785,000	2019-2024, 2027 & 2038



			Series Excess					
	Dand Call Data	Unaversaled Deseards	Revenues (including	December Evenes	Other	Total Banda Callad	Maturity Data(a) of Dand(a) Called	
 Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called	
	1/1/2019	_	1,442,900	62,100	_	1,505,000	2019-2024, 2027 & 2038	
	2/1/2019		184,300	5,700	-	190,000	2013-2024, 2027 & 2038	
	3/1/2019		189,150	5,850	-	195,000	2038	
	4/1/2019					610,000	2019-2024, 2027 & 2038	
			591,700	18,300	-		2019-2024, 2027 & 2038	
	5/1/2019		451,050	13,950	-	465,000		
	6/1/2019		470,450	14,550	-	485,000	2019-2024, 2027 & 2038	
	7/1/2019		535,600	29,400	-	565,000	2020-2024, 2027 & 2038	
	8/1/2019		174,600	5,400	-	180,000	2038	
	9/1/2019		179,450	5,550	-	185,000	2038	
	10/1/2019		232,800	7,200	-	240,000	2020-2024, 2027 & 2038	
	11/1/2019		683,850	21,150	-	705,000	2020-2024, 2027 & 2038	
	12/1/2019		1,159,150	35,850	-	1,195,000	2020-2024, 2027 & 2038	
	1/1/2020		990,700	39,300	-	1,030,000	2020-2024, 2027 & 2038	
	2/1/2020		164,900	5,100	-	170,000	2038	
	3/1/2020		169,750	5,250	-	175,000	2038	
	4/1/2020		378,300	11,700	-	390,000	2020-2024, 2027 & 2038	
	5/1/2020		611,100	18,900	-	630,000	2020-2024, 2027 & 2038	
	6/1/2020		761,450	23,550	-	785,000	2020-2024, 2027 & 2038	
	7/1/2020		549,450	20,550	-	570,000	2021-2024, 2027 & 2038	
	8/1/2020		160,050	4,950	-	165,000	2038	
	9/1/2020		465,600	14,400	-	480,000	2021-2024, 2027 & 2038	
	10/1/2020		863,300	26,700	-	890,000	2021-2024, 2027 & 2038	
	11/1/2020		160,050	4,950	-	165,000	2038	
	12/1/2020	-	160,050	4,950	-	165,000	2038	
	1/1/2021	-	160,050	4,950	-	165,000	2038	
	2/1/2021	-	150,350	4,650	-	155,000	2038	
	3/1/2021	-	155,200	4,800	-	160,000	2038	
	4/1/2021	-	150,350	4,650	-	155,000	2038	
	5/1/2021	-	155,200	4,800	-	160,000	2038	
	6/1/2021	-	150,350	4,650	-	155,000	2038	
	7/1/2021	-	155,200	4,800	-	160,000	2038	
	8/1/2021	-	145,500	4,500	-	150,000	2038	
	9/1/2021		145,500	4,500	-	150,000	2038	
	10/1/2021		145,500	4,500	-	150,000	2038	
	11/1/2021		145,500	4,500	-	150,000	2038	
	12/1/2021		145,500	4,500	-	150,000	2038	
	1/1/2022		150,350	4,650	-	155,000	2038	
	2/1/2022		135,800	4,200	-	140,000	2038	
	3/1/2022		135,800	4,200	-	140,000	2038	
	4/1/2022		140,650	4,350	-	145,000	2038	
	5/1/2022		135,800	4,200	-	140,000	2038	
	6/1/2022		135,800	4,200	-	140,000	2038	
	7/1/2022		140,650	4,350	-	145,000	2038	
	8/1/2022		121,250	3,750	-	125,000	2038	
	9/1/2022		126,100	3,900	-	130,000	2038	
	10/1/2022		126,100	3,900	-	130,000	2038	
	11/1/2022		121,250	3,750	-	125,000	2038	
	12/1/2022		126,100	3,900	-	130,000	2038	
	1/1/2023		126,100	3,900	-	130,000	2038	
	2/1/2023	-	111,550	3,450	-	115,000	2038	



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	3/1/2023	-	121,250	3,750		- 125,000	2038
	4/1/2023	-	116,400	3,600		- 120,000	2038
	5/1/2023	-	116,400	3,600		- 120,000	2038
	6/1/2023	-	116,400	3,600		- 120,000	2038
	7/1/2023	-	116,400	3,600		- 120,000	2038
	1/1/2024	-	649,900	20,100		- 670,000	2038
Total 2014 A		-	39,260,150	1,484,850		- 40,745,000	



Revenues (including								
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called	
2044 B	0/4/0044	Φ.	Ф 000.000	Ф 7000 Ф		Ф 040,000	2020	
2014 B	8/1/2014					\$ 240,000	2038	
	9/1/2014	-	150,350	4,650	-	155,000	2038	
	10/1/2014	-	203,700	6,300	-	210,000	2038	
	11/1/2014	-	295,850	9,150	-	305,000	2038	
	12/1/2014	-	291,000	9,000	-	300,000	2038	
	1/1/2015		569,650	40,350	-	610,000	2015-2026 & 2038	
	2/1/2015		189,150	5,850	-	195,000	2038	
	3/1/2015		194,000	6,000	-	200,000	2038	
	4/1/2015		194,000	6,000	-	200,000	2038	
	5/1/2015		189,150	5,850	-	195,000	2038	
	6/1/2015		194,000	6,000	-	200,000	2038	
	7/1/2015		305,750	44,250	-	350,000	2016-2026 & 2038	
	8/1/2015		208,550	6,450	-	215,000	2038	
	9/1/2015		208,550	6,450	-	215,000	2038	
	11/1/2015		1,687,800	52,200	-	1,740,000	2016-2026 & 2038	
	12/1/2015	-	72,750	2,250	-	75,000	2038	
	1/1/2016	-	873,350	61,650	-	935,000	2016-2026 & 2038	
	2/1/2016	-	203,700	6,300	-	210,000	2038	
	3/1/2016	-	252,200	7,800	-	260,000	2038	
	4/1/2016	-	557,750	17,250	-	575,000	2016-2026, & 2038	
	7/1/2016	-	1,853,800	91,200	-	1,945,000	2017-2026 & 2038	
	8/1/2016	-	126,100	3,900	-	130,000	2038	
	9/1/2016		339,500	10,500	-	350,000	2038	
	10/1/2016		232,800	7,200	-	240,000	2038	
	11/1/2016		397,700	12,300	-	410,000	2017-2026 & 2038	
	12/1/2016		688,700	21,300	_	710,000	2017-2026 & 2038	
	1/1/2017	-	697,200	52,800	_	750,000	2017-2026 & 2038	
	2/1/2017	_	223,100	6,900	_	230,000	2038	
	3/1/2017	-	223,100	6,900	_	230,000	2038	
	4/1/2017	_	480,150	14,850	_	495,000	2017-2026 & 2038	
	5/1/2017	-	373,450	11,550	_	385,000	2017-2026 & 2038	
	6/1/2017	-	771,150	23,850	_	795,000	2017-2026 & 2038	
	7/1/2017	-	1,064,100	60,900	_	1,125,000	2018-2026 & 2038	
	8/1/2017	- -	213,400	6,600			2038	
	9/1/2017	- -	213,400	6,600	_	220,000 220,000	2038	
	10/1/2017		596,550	18,450		615,000	2018-2026 & 2038	
		-			-		2018-2026 & 2038	
	11/1/2017	-	645,050	19,950	-	665,000		
	12/1/2017	-	528,650	16,350	-	545,000	2018-2026 & 2038	
	1/1/2018		733,500	46,500	-	780,000	2018-2026 & 2038	
	2/1/2018		198,850	6,150	-	205,000	2038	
	3/1/2018		203,700	6,300	-	210,000	2038	
	4/1/2018		237,650	7,350	-	245,000	2021-2026 & 2038	
	5/1/2018		843,900	26,100	-	870,000	2018-2026 & 2038	
	6/1/2018		688,700	21,300	-	710,000	2018-2026 & 2038	
	7/1/2018		513,550	36,450	-	550,000	2019-2026 & 2038	
	8/1/2018		189,150	5,850	-	195,000	2038	
	9/1/2018	-	194,000	6,000	-	200,000	2038	
	10/1/2018	-	882,700	27,300	-	910,000	2019-2026 & 2038	
	11/1/2018	-	1,018,500	31,500	-	1,050,000	2019-2026 & 2038	
	12/1/2018	-	1,081,550	33,450	-	1,115,000	2019-2026 & 2038	
	12, 1,2010		1,001,000	33, 100		1,110,000		



Series Excess Revenues (including

Series Book Call Date Unexpended Processor Propayments 64-80 Total Bonds Callbor Maturity Datify Callbord 17/2019 1891 (5) 8.450 1955 (0) 2020-20 2020-20 141/2019 1891 (5) 8.585 - \$550,00 2020-20 2020-20 4 17/2019 541,00 119,00 583,00 2018-200-20 2018-200-20 4 17/2019 541,00 119,00 583,00 2018-200-20 2018-200-20 6 17/2019 681,00 211,10 583,00 2018-200-20 2018-200-20 6 17/2019 681,00 211,10 52,50 500 100,00 2018-200-20 6 17/2019 117,20 9.40 180,00 2020-20 2020-20 2020-20 1 117,20 117,20 9.40 180,00 2020-20 2020-20 2020-20 1 117,20 117,20 9.40 9.50 180,00 2020-20 2020-20 1 117,20 117,20 9.40 9.50 180,00 2020-20 2020-20 </th <th></th> <th></th> <th></th> <th>Revenues (including</th> <th></th> <th></th> <th></th> <th></th>				Revenues (including				
21/2018	Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
21/2018								
\$14,000 \$40,000 \$40,000 \$20,000 \$10,000 \$20,000 \$10,000 \$40,000 \$10,		1/1/2019	-	1,590,950	64,050	-	1,655,000	
44/2010 - \$14,100 \$5,000 \$60,000 \$2115-2026 & 2026 \$60,000 \$2115-2026 & 2026 \$60,000 \$2115-2026 & 2026 \$60,000 \$2115-2026 & 2026 \$60,000		2/1/2019	-	189,150	5,850	-	195,000	
\$1,000 \$88,000 11,400 \$80,000 2019-2008 2038 \$1,000 \$11,400 \$20,000 \$2		3/1/2019	-	189,150	5,850	-	195,000	2038
64/2019		4/1/2019	-	514,100	15,900	-	530,000	2019-2026 & 2038
1711/0919		5/1/2019	-	368,600	11,400	-	380,000	2019-2026 & 2038
8-17-0019		6/1/2019	-	683,850	21,150	-	705,000	2019-2026 & 2038
91/2019		7/1/2019	-	514,650	25,350	-	540,000	2020-2026 & 2038
1011-07019		8/1/2019	-	169,750	5,250	-	175,000	2038
11/1/2019		9/1/2019	-	174,600	5,400	-	180,000	2038
12/12/2019		10/1/2019	-	315,250	9,750	-	325,000	2020-2026 & 2038
1/1/2020 694.660 25,960 710,000 2029-2024 & 2038 2/1/2020 160.050 4,950 185,000 2020-2023 & 2038 3/1/2020 189.150 5,850 185,000 2020-2023 & 2038 4/1/2020 771.150 22,850 765,000 2020-2023 & 2038 5/1/2020 389.000 11,500 380,000 2020-2023 & 2038 6/1/2020 160.000 150.000 2038 7/1/2020 164.800 5,100 170,000 2038 7/1/2020 164.800 5,100 170,000 2038 9/1/2020 165.200 4,800 160.000 2038 1/1/2020 155.200 4,800 160.000 2038 1/1/2020 155.200 4,800 160.000 2038 1/1/2021 165.200 4,800 160.000 2038 1/1/2021 165.200 4,800 160.000 2038 1/1/2021 165.200 4,800 160.000 2038 1/1/2021 165.200 4,800 160.000 2038 1/1/2021 165.200 4,800 160.000 2038 1/1/2021 165.200 4,800 160.000 2038 1/1/2021 165.200 4,500 150.000 2038 1/1/2021 165.200 4,500 150.000 2038 1/1/2021 165.200 4,500 150.000 2038 1/1/2021 165.200 4,500 150.000 2038 1/1/2021 165.200 4,500 150.000 2038 1/1/2021 165.200 4,500 150.000 2038 1/1/2021 165.200 4,500 150.000 2038 1/1/2021 165.200 4,500 150.000 2038 1/1/2021 165.200 4,500 150.000 2038 1/1/2021 165.200 4,500 150.000 2038 1/1/2021 165.200 4,500 150.000 2038 1/1/2021 165.800 4,500 150.000 2038 1/1/2021 165.800 4,500 150.000 2038 1/1/2021 165.800 4,500 150.000 2038 1/1/2021 165.800 4,500 150.000 2038 1/1/2021 165.800 4,500 150.000 2038 1/1/2021 165.800 4,500 150.000 2038 1/1/2021 165.800 4,500 150.000 2038 1/1/2021 165.800 4,500 150.000 2038 1/1/2021 165.800 4,500 150.000 2038 1/1/2021 165.800 4,500 150.000 2038 1/1/2022 165.800 4,500 150.000 2038 1/1/2022 165.800 4,500 150.000 2038 1/1/2022 165.800 165.800 160.000 2038 1/1/2022 165.800		11/1/2019	-	518,950	16,050	-	535,000	2020-2026 & 2038
2/1/2020		12/1/2019	-	1,319,200	40,800	-	1,360,000	2020-2026 & 2038
181,150 5,850 185,000 2021-203 22,350 745,000 7007-2028 2018 117,000 177,1150 22,850 755,000 7007-2028 2018 117,000 336,000 2007-2028 2018 117,000 164,400 5,100 170,000 2038 117,000 165,200 4,800 160,000 2038 117,000 155,200 4,800 160,000 2038 117,000 117,000 155,200 4,800 160,000 2038 117,000 155,200 4,800 160,000 2038 117,000 155,200 4,800 160,000 2038 117,000 155,200 4,800 160,000 2038 117,000 170,000 2038 117,000 155,200 4,800 160,000 2038 117,000 155,200 4,800 160,000 2038 117,000 170,000 2038 117,000 155,200 4,800 160,000 2038 117,000 170,000 2038 117,000 155,200 4,800 160,000 2038 117,000 170,000 2038 117,000 170,000 2038 117,000 170,000 2038 117,000 170,000 2038 117,000 170,000 2038 117,000 170,000 2038 117,000 170,0		1/1/2020	-	684,050	25,950	-	710,000	2020-2026 & 2038
41/2020 - 722,850 22,350 - 745,000 2020-2028 2038 51/2020 - 771,150 23,850 - 755,000 2020-2028 2038 61/2020 - 164,900 5,100 - 350,000 2020-2028 2038 71/2020 - 164,900 5,100 - 170,000 2038 81/2020 - 165,200 4,800 - 160,000 2038 101/2020 - 165,200 4,800 - 160,000 2038 101/2020 - 165,200 4,800 - 160,000 2038 101/2020 - 165,200 4,800 - 160,000 2038 12/2020 - 165,200 4,800 - 160,000 2038 12/2020 - 165,200 4,800 - 160,000 2038 12/2020 - 165,200 4,800 - 160,000 2038 12/2020 - 165,200 4,800 - 160,000 2038 12/2020 - 165,200 4,800 - 160,000 2038 12/2020 - 165,200 4,800 - 160,000 2038 12/2020 - 165,200 4,800 - 160,000 2038 12/2020 - 165,200 4,800 - 160,000 2038 12/2020 - 165,200 4,800 - 160,000 2038 12/2021 - 165,200 4,800 - 160,000 2038 12/2021 - 165,200 4,800 - 160,000 2038 12/2021 - 165,200 4,800 - 160,000 2038 12/2021 - 165,200 4,800 - 160,000 2038 12/2021 - 165,200 4,800 - 150,000 2038 12/2021 - 165,350 4,550 - 150,000 2038 12/2021 - 165,350 4,550 - 150,000 2038 12/2021 - 165,350 4,550 - 150,000 2038 12/2021 - 165,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,350 4,550 - 150,000 2038 12/2021 - 160,000 2038 12/2022 - 160,000 3,000 - 150,000 2038 12/2022 - 160,000 3,000 - 150,000 2038 14/2022 - 160,000 3,000 - 150,000 2038 12/2022 - 160,000 3,000 - 150,000 2038 12/2022 - 160,000 3,000 - 150,000 2038 12/2022 - 160,000 3,000 - 150,000 2038 12/2022 - 160,000 3,000 - 150,000 2038		2/1/2020	-	160,050	4,950	-	165,000	2038
61/2020 771,150 23,850 795,000 2020-202e & 2038 61/2020 164,900 5,100 170,000 202-202e & 2038 71/2020 164,900 5,100 170,000 2038 81/2020 155,200 4,800 160,000 2038 91/2020 155,200 4,800 160,000 2038 11/2020 155,200 4,800 160,000 2038 11/2020 155,200 4,800 160,000 2038 11/2020 155,200 4,800 160,000 2038 11/2021 155,200 4,800 160,000 2038 11/2021 155,200 4,800 160,000 2038 11/2021 155,200 4,800 160,000 2038 11/2021 155,500 4,800 160,000 2038 11/2021 150,350 4,850 160,000 2038 11/2021 150,350 4,850 165,000 2038 11/2021 150,350 4,8		3/1/2020	-	189,150	5,850	-	195,000	2020-2023 & 2038
61/2020		4/1/2020	-	722,650	22,350	-	745,000	2020-2026 & 2038
7/1/2020		5/1/2020	-	771,150	23,850	-	795,000	2020-2026 & 2038
8/1/2020 - 155,200		6/1/2020	-	339,500	10,500	-	350,000	2020-2026 & 2038
9/1/2020 - 155.200		7/1/2020	-	164,900	5,100	-	170,000	2038
101/2020 - 155,200		8/1/2020	-	155,200	4,800	-	160,000	2038
11/1/2020 - 155,200		9/1/2020	-	155,200	4,800	-	160,000	2038
12/1/2021 - 155.200		10/1/2020	-	155,200	4,800	-	160,000	2038
1/1/2021 - 155,00 4,800 - 160,000 2038 2/1/2021 - 145,500 4,800 - 150,000 2038 3/1/2021 - 150,350 4,650 - 155,000 2038 3/1/2021 - 145,500 4,500 - 155,000 2038 5/1/2021 - 150,350 4,650 - 155,000 2038 5/1/2021 - 150,350 4,650 - 155,000 2038 6/1/2021 - 150,350 4,650 - 155,000 2038 6/1/2021 - 150,350 4,650 - 155,000 2038 6/1/2021 - 140,650 4,560 - 155,000 2038 6/1/2021 - 140,650 4,350 - 145,000 2038 6/1/2021 - 140,650 4,350 - 145,000 2038 6/1/2021 - 140,650 4,350 - 145,000 2038 6/1/2021 - 140,650 4,350 - 145,000 2038 6/1/2021 - 140,650 4,350 - 145,000 2038 6/1/2021 - 140,650 4,350 - 145,000 2038 6/1/2022 - 140,650 4,350 - 145,000 2038 6/1/2022 - 145,500 4,500 - 150,000 2038 6/1/2022 - 166,100 3,900 - 130,000 2038 6/1/2022 - 130,950 4,650 - 135,000 2038 6/1/2022 - 166,100 3,900 - 135,000 2038 6/1/2022 - 166,100 3,900 - 135,000 2038 6/1/2022 - 166,100 3,900 - 135,000 2038 6/1/2022 - 166,100 3,900 - 135,000 2038 6/1/2022 - 166,100 3,900 - 135,000 2038 6/1/2022 - 166,100 3,900 - 135,000 2038 6/1/2022 - 166,400 3,600 - 135,000 2038 6/1/2022 - 166,400 3,600 - 125,000 2038		11/1/2020	-	155,200	4,800	-	160,000	2038
2/1/2021 - 145,500		12/1/2020	-	155,200	4,800	-	160,000	2038
3/1/2021 - 150,350		1/1/2021	-	155,200	4,800	-	160,000	2038
4/1/2021 - 145,500		2/1/2021	-	145,500	4,500	-	150,000	2038
5/1/2021 - 150,350 4,650 - 155,000 2038 6/1/2021 - 145,500 4,500 - 150,000 2038 7/1/2021 - 150,350 4,650 - 155,000 2038 8/1/2021 - 140,650 4,350 - 145,000 2038 10/1/2021 - 140,650 4,350 - 145,000 2038 11/1/2021 - 140,650 4,350 - 145,000 2038 11/1/2021 - 140,650 4,350 - 145,000 2038 11/1/2022 - 140,650 4,350 - 145,000 2038 11/1/2022 - 140,650 4,350 - 145,000 2038 11/1/2022 - 140,650 4,350 - 145,000 2038 11/1/2022 - 145,500 4,500 - 150,000 2038 11/1/2022 - 130,950 4,050 - 135,000 2038 6/1/2022 - <t< td=""><td></td><td>3/1/2021</td><td>-</td><td>150,350</td><td>4,650</td><td>-</td><td>155,000</td><td>2038</td></t<>		3/1/2021	-	150,350	4,650	-	155,000	2038
6/1/2021 - 145,500 4,500 - 150,000 2038 7/1/2021 - 140,650 4,350 - 145,000 2038 8/1/2021 - 140,650 4,350 - 145,000 2038 9/1/2021 - 140,650 4,350 - 145,000 2038 10/1/2021 - 140,650 4,350 - 145,000 2038 10/1/2021 - 140,650 4,350 - 145,000 2038 11/1/2021 - 140,650 4,350 - 145,000 2038 11/1/2021 - 140,650 4,350 - 145,000 2038 12/1/2021 - 140,650 4,350 - 145,000 2038 12/1/2022 - 145,500 4,500 - 145,000 2038 1/1/2022 - 145,500 4,500 - 145,000 2038 1/1/2022 - 126,100 3,900 - 130,000 2038 1/1/2022 - 130,950 4,050 - 135,000 2038 1/1/2022 - 130,950 4,050 - 135,000 2038 1/1/2022 - 130,950 4,050 - 135,000 2038 1/1/2022 - 130,950 4,050 - 135,000 2038 1/1/2022 - 130,950 4,050 - 135,000 2038 1/1/2022 - 130,950 4,050 - 135,000 2038 1/1/2022 - 130,950 4,050 - 135,000 2038 1/1/2022 - 130,950 4,050 - 135,000 2038 1/1/2022 - 116,400 3,600 - 120,000 2038 1/1/2022 - 116,400 3,600 - 120,000 2038 1/1/2022 - 116,400 3,600 - 120,000 2038 1/1/2022 - 116,400 3,600 - 120,000 2038 1/1/2022 - 116,400 3,600 - 120,000 2038 1/1/2022 - 116,400 3,600 - 120,000 2038 1/1/2022 - 116,400 3,600 - 120,000 2038 1/1/2022 - 116,400 3,600 - 120,000 2038 1/1/2022 - 116,400 3,600 - 120,000 2038 1/1/2022 - 116,400 3,600 - 120,000 2038 1/1/2022 - 116,400 3,600 - 120,000 2038		4/1/2021	-	145,500	4,500	-	150,000	2038
7/1/2021 - 150,350 4,860 - 155,000 2038 8/1/2021 - 140,650 4,350 - 145,000 2038 9/1/2021 - 140,650 4,350 - 145,000 2038 10/1/2021 - 140,650 4,350 - 145,000 2038 12/1/2021 - 140,650 4,350 - 145,000 2038 12/1/2021 - 140,650 4,350 - 145,000 2038 12/1/2021 - 140,650 4,350 - 145,000 2038 11/1/2022 - 145,500 4,500 - 150,000 2038 2/1/2022 - 126,100 3,900 - 130,000 2038 3/1/2022 - 130,950 4,050 - 135,000 2038 5/1/2022 - 126,100 3,900 - 135,000 2038 6/1/2022 - 130,950 4,050 - 135,000 2038 8/1/2022 - 1		5/1/2021	-	150,350	4,650	-	155,000	2038
8/1/2021 - 140,650 4,350 - 145,000 2038 9/1/2021 - 140,650 4,350 - 145,000 2038 10/1/2021 - 140,650 4,350 - 145,000 2038 11/1/2021 - 140,650 4,350 - 145,000 2038 11/1/2021 - 140,650 4,350 - 145,000 2038 12/1/2021 - 140,650 4,350 - 145,000 2038 12/1/2022 - 145,500 4,500 - 150,000 2038 11/1/2022 - 126,100 3,900 - 150,000 2038 11/1/2022 - 130,950 4,050 - 135,000 2038 11/1/2022 - 130,950 4,050 - 135,000 2038 11/1/2022 - 126,100 3,900 - 135,000 2038 11/1/2022 - 126,100 3,900 - 135,000 2038 11/1/2022 - 126,100 3,900 - 135,000 2038 11/1/2022 - 146,400 3,600 - 135,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038		6/1/2021	-	145,500	4,500	-	150,000	
9/1/2021 - 140,650		7/1/2021	-	150,350	4,650	-	155,000	
10/1/2021		8/1/2021	-	140,650	4,350	-	145,000	
11/1/2021 - 140,650 4,350 - 145,000 2038 12/1/2021 - 140,650 4,350 - 145,000 2038 11/1/2022 - 145,500 4,500 - 150,000 2038 2/1/2022 - 126,100 3,900 - 135,000 2038 3/1/2022 - 130,950 4,050 - 135,000 2038 4/1/2022 - 126,100 3,900 - 135,000 2038 5/1/2022 - 126,100 3,900 - 135,000 2038 6/1/2022 - 130,950 4,050 - 135,000 2038 7/1/2022 - 130,950 4,050 - 135,000 2038 8/1/2022 - 116,400 3,600 - 120,000 2038 9/1/2022 - 121,250 3,750 - 125,000 2038 11/1/2022 - 116,400 3,600 - 125,000 2038 12/1/2022 - 1			-		4,350	-		
12/1/2021 - 140,650 4,350 - 145,000 2038 11/1/2022 - 145,500 4,500 - 150,000 2038 2/1/2022 - 126,100 3,900 - 130,000 2038 3/1/2022 - 130,950 4,050 - 135,000 2038 4/1/2022 - 130,950 4,050 - 130,000 2038 5/1/2022 - 130,950 4,050 - 130,000 2038 6/1/2022 - 130,950 4,050 - 135,000 2038 7/1/2022 - 130,950 4,050 - 135,000 2038 8/1/2022 - 130,950 4,050 - 135,000 2038 8/1/2022 - 116,400 3,600 - 120,000 2038 9/1/2022 - 116,400 3,600 - 125,000 2038 11/1/2022 - 116,400 3,600 - 125,000 2038 12/1/2022 - 11		10/1/2021	-	140,650	4,350	-	145,000	
1/1/2022 - 145,500 4,500 - 150,000 2038 2/1/2022 - 126,100 3,900 - 130,000 2038 3/1/2022 - 130,950 4,050 - 135,000 2038 4/1/2022 - 126,100 3,900 - 130,000 2038 5/1/2022 - 126,100 3,900 - 130,000 2038 6/1/2022 - 126,100 3,900 - 130,000 2038 7/1/2022 - 130,950 4,050 - 135,000 2038 8/1/2022 - 130,950 4,050 - 135,000 2038 8/1/2022 - 116,400 3,600 - 120,000 2038 9/1/2022 - 116,400 3,600 - 125,000 2038 11/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2023 - 116,400 3,600 - 120,000 2038 11/1/2023 - 116		11/1/2021	-	140,650	4,350	-	145,000	2038
2/1/2022 - 126,100 3,900 - 130,000 2038 3/1/2022 - 130,950 4,050 - 135,000 2038 4/1/2022 - 130,950 4,050 - 135,000 2038 5/1/2022 - 126,100 3,900 - 135,000 2038 6/1/2022 - 130,950 4,050 - 135,000 2038 7/1/2022 - 130,950 4,050 - 135,000 2038 8/1/2022 - 116,400 3,600 - 120,000 2038 9/1/2022 - 116,400 3,600 - 125,000 2038 11/1/2022 - 116,400 3,600 - 125,000 2038 12/1/2022 - 116,400 3,600 - 125,000 2038 1/1/2023 - 116,400 3,600 - 125,000 2038 1/1/2023 - 116,400 3,600 - 120,000 2038 1/1/2023 - 116,		12/1/2021	-	140,650	4,350	-	145,000	2038
3/1/2022 - 130,950 4,050 - 135,000 2038 4/1/2022 - 130,950 4,050 - 135,000 2038 5/1/2022 - 126,100 3,900 - 130,000 2038 6/1/2022 - 130,950 4,050 - 135,000 2038 7/1/2022 - 130,950 4,050 - 135,000 2038 8/1/2022 - 116,400 3,600 - 120,000 2038 9/1/2022 - 116,400 3,600 - 125,000 2038 10/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 116,400 3,600 - 125,000 2038 12/1/2022 - 116,400 3,600 - 125,000 2038 12/1/2023 - 116,400 3,600 - 125,000 2038 11/1/2023 - 116,400 3,600 - 125,000 2038 12/1/2023 -		1/1/2022	-	145,500	4,500	-	150,000	
4/1/2022 - 130,950 4,050 - 135,000 2038 5/1/2022 - 126,100 3,900 - 130,000 2038 6/1/2022 - 130,950 4,050 - 135,000 2038 7/1/2022 - 130,950 4,050 - 135,000 2038 8/1/2022 - 116,400 3,600 - 120,000 2038 9/1/2022 - 116,400 3,600 - 125,000 2038 11/1/2022 - 121,250 3,750 - 125,000 2038 12/1/2022 - 116,400 3,600 - 125,000 2038 12/1/2023 - 116,400 3,600 - 125,000 2038 1/1/2023 - 116,400 3,600 - 120,000 2038 1/1/2023 - 116,400 3,600 - 120,000 2038 1/1/2023 - 116,400 3,600 - 120,000 2038 1/1/2023 - 120		2/1/2022	-	126,100	3,900	-	130,000	
5/1/2022 - 126,100 3,900 - 130,000 2038 6/1/2022 - 130,950 4,050 - 135,000 2038 7/1/2022 - 130,950 4,050 - 135,000 2038 8/1/2022 - 116,400 3,600 - 120,000 2038 9/1/2022 - 121,250 3,750 - 120,000 2038 10/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 121,250 3,750 - 125,000 2038 12/1/2022 - 116,400 3,600 - 125,000 2038 1/1/2023 - 116,400 3,600 - 125,000 2038 1/1/2023 - 116,400 3,600 - 120,000 2038 1/1/2023 - 116,400 3,600 - 120,000 2038 1/1/2023 - 116,400 3,600 - 120,000 2038 1/1/2023 - 120				130,950	4,050	-		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		4/1/2022	-	130,950	4,050	-		
7/1/2022 - 130,950 4,050 - 135,000 2038 8/1/2022 - 116,400 3,600 - 120,000 2038 9/1/2022 - 121,250 3,750 - 125,000 2038 10/1/2022 - 116,400 3,600 - 125,000 2038 11/1/2022 - 116,400 3,600 - 125,000 2038 1/1/2023 - 116,400 3,600 - 120,000 2038 1/1/2023 - 121,250 3,750 - 125,000 2038		5/1/2022	-	126,100	3,900	-	130,000	
8/1/2022 - 116,400 3,600 - 120,000 2038 9/1/2022 - 121,250 3,750 - 125,000 2038 10/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 121,250 3,750 - 125,000 2038 12/1/2023 - 116,400 3,600 - 120,000 2038 1/1/2023 - 121,250 3,750 - 125,000 2038		6/1/2022	-	130,950	4,050	-		
9/1/2022 - 121,250 3,750 - 125,000 2038 10/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 121,250 3,750 - 125,000 2038 12/1/2022 - 116,400 3,600 - 120,000 2038 1/1/2023 - 121,250 3,750 - 125,000 2038						-		
10/1/2022 - 116,400 3,600 - 120,000 2038 11/1/2022 - 121,250 3,750 - 125,000 2038 12/1/2022 - 116,400 3,600 - 120,000 2038 1/1/2023 - 121,250 3,750 - 125,000 2038						-		
11/1/2022 - 121,250 3,750 - 125,000 2038 12/1/2022 - 116,400 3,600 - 120,000 2038 1/1/2023 - 121,250 3,750 - 125,000 2038						-		
12/1/2022 - 116,400 3,600 - 120,000 2038 1/1/2023 - 121,250 3,750 - 125,000 2038						-		
1/1/2023 - 121,250 3,750 - 125,000 2038						-		
						-		
2/1/2023 - 106,700 3,300 - 110,000 2038						-		
		2/1/2023	-	106,700	3,300	-	110,000	2038



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	3/1/2023	-	111,550	3,450		- 115,000	2038
	4/1/2023	-	111,550	3,450		- 115,000	2038
	5/1/2023	-	111,550	3,450		- 115,000	2038
	6/1/2023	-	111,550	3,450		- 115,000	2038
	7/1/2023	-	111,550	3,450		- 115,000	2038
	1/1/2024	-	615,950	19,050		- 635,000	2038
Total 2014 B		-	38,544,200	1,450,800		- 39,995,000	



Series Excess
Revenues (including

			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2014 C	4/1/2015	\$ -	¢ 4.024.000	¢ 64,000 ¢	-	¢ 4.005.000	2015-2020, 2022-2025 & 2045
2014 C	5/1/2015		\$ 1,934,000 912,067	\$ 61,000 \$ 27,933		\$ 1,995,000 940,000	2015-2020, 2022-2025 & 2045
					-		2015-2020, 2022-2025 & 2045
	6/1/2015		1,274,619	40,381	-	1,315,000	
	7/1/2015		958,720	86,280	-	1,045,000	2016-2020, 2022-2025 & 2045
	8/1/2015		751,750	23,250	-	775,000	2045
	9/1/2015		756,600	23,400	-	780,000	2045
	11/1/2015		3,312,550	102,450	-	3,415,000	2016-2025 & 2045
	12/1/2015		1,430,750	44,250	-	1,475,000	2016-2025 & 2045
	1/1/2016		1,372,670	97,330	-	1,470,000	2016-2025 & 2045
	2/1/2016		785,700	24,300	-	810,000	2045
	3/1/2016		785,700	24,300	-	810,000	2045
	4/1/2016		979,700	30,300	-	1,010,000	2016-2025 & 2045
	5/1/2016		1,037,900	32,100	-	1,070,000	2016-2025 & 2045
	6/1/2016	-	1,091,250	33,750	-	1,125,000	2016-2025 & 2045
	7/1/2016	-	2,093,832	106,168	-	2,200,000	2017-2025 & 2045
	8/1/2016	-	819,650	25,350	-	845,000	2045
	9/1/2016	-	819,650	25,350	-	845,000	2045
	10/1/2016	-	1,081,550	33,450	-	1,115,000	2017-2025 & 2045
	11/1/2016	-	1,668,400	51,600	-	1,720,000	2017-2025 & 2045
	12/1/2016	-	1,624,750	50,250	-	1,675,000	2017-2025 & 2045
	1/1/2017	-	1,671,391	93,609	-	1,765,000	2017-2025 & 2045
	2/1/2017		868,150	26,850	-	895,000	2045
	3/1/2017		873,000	27,000	-	900,000	2045
	4/1/2017		902,100	27,900	_	930,000	2020-2025 & 2045
	5/1/2017		1,450,150	44,850	_	1,495,000	2017-2025 & 2045
	6/1/2017		1,057,300	32,700	_	1,090,000	2017-2025 & 2045
	7/1/2017		1,367,183	87,817	_	1,455,000	2018-2025 & 2045
	8/1/2017		873,000	27,000	_	900,000	2045
	9/1/2017		873,000	27,000	_	900,000	2045
	10/1/2017		916,650	28,350	<u>-</u>	945,000	2019-2025 & 2045
	11/1/2017		1,435,600	44,400	<u>-</u>	1,480,000	2018-2020, 2022-2025 & 2045
	12/1/2017		1,605,350	49,650	_	1,655,000	2018-2020, 2022-2025 & 2045
	1/1/2018		1,215,972	84,028	_	1,300,000	2018-2020, 2022-2025 & 2045
					-		
	2/1/2018		834,200	25,800	-	860,000	2045 2045
	3/1/2018		839,050	25,950	-	865,000	2045
	4/1/2018		839,050	25,950	-	865,000	
	5/1/2018		1,028,200	31,800	-	1,060,000	2018-2025 & 2045
	6/1/2018		1,197,950	37,050	-	1,235,000	2018-2020, 2022-2025 & 2045
	7/1/2018		1,358,931	81,069	-	1,440,000	2019-2020, 2022-2025 & 2045
	8/1/2018		800,250	24,750	-	825,000	2045
	9/1/2018		805,100	24,900	-	830,000	2045
	10/1/2018		800,250	24,750	-	825,000	2045
	11/1/2018		863,300	26,700	-	890,000	2045
	12/1/2018		1,222,200	37,800	-	1,260,000	2019-2020, 2022-2025 & 2045
	1/1/2019		1,823,896	86,104	-	1,910,000	2019-2020, 2022-2025 & 2045
	2/1/2019		693,550	21,450	-	715,000	2045
	3/1/2019	-	843,900	26,100	-	870,000	2045
	4/1/2019	-	766,300	23,700	-	790,000	2045
	5/1/2019	-	771,150	23,850	-	795,000	2045
	6/1/2019	-	766,300	23,700	-	790,000	2045



		Revenues (including				
Series Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
		,				
7/1/2019	9 -	703,200	91,800	_	795,000	2045
8/1/2019		732,350	22,650	-	755,000	2045
9/1/2019		737,200	22,800	-	760,000	2045
10/1/2019		732,350	22,650	-	755,000	2045
11/1/2019		1,057,300	32,700	-	1,090,000	2020, 2022-2025 & 2045
12/1/2019		1,231,900	38,100	-	1,270,000	2020, 2022-2025 & 2045
1/1/2020		912,923	67,077	-	980,000	2020, 2022-2025 & 2045
2/1/2020		698,400	21,600	-	720,000	2045
3/1/2020		703,250	21,750	-	725,000	2045
4/1/2020		703,250	21,750	-	725,000	2045
5/1/2020		1,028,200	31,800	-	1,060,000	2020, 2022-2025 & 2045
6/1/2020		916,650	28,350	-	945,000	2020, 2022-2025 & 2045
7/1/2020		890,580	64,420	-	955,000	2022-2025 & 2045
8/1/2020		669,300	20,700	-	690,000	2045
9/1/2020		669,300	20,700	-	690,000	2045
10/1/2020		1,372,550	42,450	-	1,415,000	2022-2025 & 2045
11/1/2020		1,227,050	37,950	-	1,265,000	2022-2025 & 2045
12/1/2020		1,042,750	32,250	_	1,075,000	2022-2025 & 2045
1/1/202		1,345,819	64,181	_	1,410,000	2022-2025 & 2045
2/1/202		640,200	19,800	_	660,000	2045
3/1/202		649,900	20,100	-	670,000	2024-2025 & 2045
4/1/202		1,183,400	36,600	-	1,220,000	2022-2025 & 2045
5/1/202		887,550	27,450	-	915,000	2022-2025 & 2045
6/1/202		1,037,900	32,100	-	1,070,000	2022-2025 & 2045
7/1/202		861,340	53,660	-	915,000	2022-2025 & 2045
8/1/202		611,100	18,900	-	630,000	2045
9/1/202		712,950	22,050	-	735,000	2022-2025 & 2045
10/1/202		858,450	26,550	-	885,000	2022-2025 & 2045
11/1/202	1 -	902,100	27,900	-	930,000	2022-2025 & 2045
12/1/202	1 -	926,350	28,650	-	955,000	2022-2025 & 2045
1/1/202	2 -	834,555	50,445	-	885,000	2022-2025 & 2045
2/1/2023	2 -	310,400	9,600	-	320,000	2045
3/1/2023	2 -	853,600	26,400	-	880,000	2045
4/1/2023	2 -	582,000	18,000	-	600,000	2045
5/1/2023	2 -	606,250	18,750	-	625,000	2023-2025 & 2045
6/1/2023	2 -	746,900	23,100	-	770,000	2022-2025 & 2045
7/1/2023	2 -	732,073	47,927	-	780,000	2023-2025 & 2045
8/1/2022	2 -	286,150	8,850	-	295,000	2045
9/1/2023	2 -	586,850	18,150	-	605,000	2045
10/1/202	2 -	305,550	9,450	-	315,000	2045
11/1/2023	2 -	722,650	22,350	-	745,000	2045
12/1/202	2 -	460,750	14,250	-	475,000	2045
1/1/2023	-	918,150	71,850	-	990,000	2045
2/1/2023	-	203,700	6,300	-	210,000	2045
3/1/2023		97,000	3,000	-	100,000	2045
4/1/2023		194,000	6,000	-	200,000	2045
5/1/2023		198,850	6,150	-	205,000	2045
6/1/202		257,050	7,950	-	265,000	2045
8/1/2023		155,200	4,800	-	160,000	2045
9/1/2023	-	436,500	13,500	-	450,000	2045



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	10/1/2023	-	509,250	15,750	-	525,000	2045
	11/1/2023	-	223,100	6,900	-	230,000	2045
	12/1/2023	-	223,100	6,900	-	230,000	2045
	1/1/2024	-	5,000	45,000	-	50,000	2045
	2/1/2024	-	247,350	7,650	-	255,000	2045
	3/1/2024	-	169,750	5,250	-	175,000	2045
	4/1/2024	-	179,450	5,550	-	185,000	2045
	5/1/2024	-	92,150	2,850	-	95,000	2045
	6/1/2024	-	931,200	28,800	-	960,000	2045
Total 2014 C		-	95,568,321	3,646,679	-	99,215,000	



Series Excess
Revenues (including

			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
		•	•				2227 2222
2014 D	4/1/2015				- (2025-2026
	5/1/2015		48,888	1,112	-	50,000	2025-2026
	6/1/2015		89,036	964	-	90,000	2025-2026
	7/1/2015		59,941	5,059	-	65,000	2025-2026
	11/1/2015		213,400	6,600	-	220,000	2025-2026
	12/1/2015		77,600	2,400	-	80,000	2025-2026
	1/1/2016		79,372	5,628	-	85,000	2025-2026
	4/1/2016		24,250	750	-	25,000	2025-2026
	5/1/2016		29,100	900	-	30,000	2025-2026
	6/1/2016		38,800	1,200	-	40,000	2025
	7/1/2016		176,072	8,928	-	185,000	2025-2026
	10/1/2016		33,950	1,050	-	35,000	2025-2026
	11/1/2016		111,550	3,450	-	115,000	2025-2026
	12/1/2016		106,700	3,300	-	110,000	2025-2026
	1/1/2017		127,840	7,160	-	135,000	2025-2026
	4/1/2017		4,850	150	-	5,000	2025
	5/1/2017	-	82,450	2,550	-	85,000	2025-2026
	6/1/2017		29,100	900	-	30,000	2025-2026
	7/1/2017	-	79,870	5,130	-	85,000	2025-2026
	10/1/2017	-	4,850	150	-	5,000	2025
	11/1/2017	-	87,300	2,700	-	90,000	2025-2026
	12/1/2017	-	111,550	3,450	-	115,000	2025-2026
	1/1/2018	-	60,799	4,201	-	65,000	2025-2026
	5/1/2018	-	33,950	1,050	-	35,000	2025-2026
	6/1/2018	-	58,200	1,800	-	60,000	2025-2026
	7/1/2018	-	99,089	5,911	-	105,000	2025-2026
	11/1/2018	-	9,700	300	-	10,000	2025-2026
	12/1/2018	-	77,600	2,400	-	80,000	2025-2026
	1/1/2019	-	210,082	9,918	-	220,000	2025-2026
	11/1/2019	-	72,750	2,250	-	75,000	2025-2026
	12/1/2019	-	116,400	3,600	-	120,000	2025-2026
	1/1/2020	-	55,893	4,107	-	60,000	2025-2026
	5/1/2020	-	87,300	2,700	-	90,000	2025-2026
	6/1/2020	-	58,200	1,800	-	60,000	2025-2026
	7/1/2020	-	55,953	4,047	-	60,000	2025-2026
	10/1/2020		184,300	5,700	-	190,000	2025-2026
	11/1/2020	-	150,350	4,650	-	155,000	2025-2026
	12/1/2020	-	101,850	3,150	-	105,000	2025-2026
	1/1/2021		181,351	8,649	-	190,000	2025-2026
	3/1/2021		4,850	150	-	5,000	2025
	4/1/2021		145,500	4,500	_	150,000	2025-2026
	5/1/2021		67,900	2,100	_	70,000	2025-2026
	6/1/2021		106,700	3,300	-	110,000	2025-2026
	7/1/2021		65,895	4,105	-	70,000	2025-2026
	9/1/2021		29,100	900	-	30,000	2025-2026
	10/1/2021		67,900	2,100	-	70,000	2025-2026
	11/1/2021		77,600	2,400	-	80,000	2025-2026
	12/1/2021		82,450	2,550	-	85,000	2025-2026
	1/1/2022		66,010	3,990	-	70,000	2025-2026
	5/1/2022		4,850	150	-	5,000	2025
	3/1/2022	_	7,000	100	=	3,000	2020



Series Excess evenues (includir

			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	6/1/2022	-	43,650	1,350		- 45,000	2025-2026
	7/1/2022		51,621	3,379		- 55,000	2025-2026
Total 2014 D		-	4,102,627	162,373		- 4,265,000	_



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
		·	. , ,				, , , , ,
2014 E	4/1/2015	-	\$ 660,585	\$ 19,415 \$	- \$	680,000	2020-2022, 2026 & 2029
	5/1/2015	-	566,795	18,205	-	585,000	2020-2022, 2026, 2029 & 2032
	6/1/2015	-	1,032,245	32,755	-	1,065,000	2020-2022, 2026, 2029 & 2032
	7/1/2015	-	693,939	61,061	-	755,000	2020-2022, 2026, 2029 & 2032
	11/1/2015	-	2,463,800	76,200	-	2,540,000	2020-2022, 2026, 2029 & 2032
	12/1/2015		916,650	28,350	-	945,000	2020-2022, 2026, 2029 & 2032
	1/1/2016		938,458	66,542	-	1,005,000	2020-2022, 2026, 2029 & 2032
	4/1/2016		276,450	8,550	-	285,000	2020-2022, 2026, 2029 & 2032
	5/1/2016		363,750	11,250	-	375,000	2020-2022, 2026, 2029 & 2032
	6/1/2016		451,050	13,950	-	465,000	2020-2022, 2026, 2029 & 2032
	7/1/2016		2,046,245	103,755	-	2,150,000	2020-2022, 2026, 2029 & 2032
	10/1/2016		402,550	12,450	-	415,000	2020-2022, 2026, 2029 & 2032
	11/1/2016		1,314,350	40,650	_	1,355,000	2020-2022, 2026, 2029 & 2032
	12/1/2016		1,241,600	38,400	_	1,280,000	2020-2022, 2026, 2029 & 2032
	1/1/2017		1,444,119	80,881	_	1,525,000	2020-2022, 2026, 2029 & 2032
	4/1/2017		53,350	1,650	_	55,000	2021-2022, 2026, 2029 & 2032
	5/1/2017		955,450	29,550		985,000	2020-2022, 2026, 2029 & 2032
	6/1/2017		315,250	9,750	_	325,000	2020-2022, 2026, 2029 & 2032
	7/1/2017		934,947	60,053	<u>-</u>	995,000	2020-2022, 2026, 2029 & 2032
	10/1/2017		82,450	2,550	- -	85,000	2020-2022, 2026, 2029 & 2032
	11/1/2017		1,008,800	31,200		1,040,000	2020-2022, 2026, 2029 & 2032
	12/1/2017				-		2020-2022, 2026, 2029 & 2032
			1,309,500	40,500	-	1,350,000	
	1/1/2018		720,230	49,770	-	770,000	2020-2022, 2026, 2029 & 2032
	5/1/2018		373,450	11,550	-	385,000	2020-2022, 2026, 2029 & 2032
	6/1/2018		693,550	21,450	-	715,000	2020-2022, 2026, 2029 & 2032
	7/1/2018		1,141,880	68,120	-	1,210,000	2020-2022, 2026, 2029 & 2032
	11/1/2018		116,400	3,600	-	120,000	2020-2022, 2026, 2029 & 2032
	12/1/2018		897,250	27,750	-	925,000	2020-2022, 2026, 2029 & 2032
	1/1/2019		2,420,721	114,279	-	2,535,000	2020-2022, 2026, 2029 & 2032
	11/1/2019		839,050	25,950	-	865,000	2020-2022, 2026, 2029 & 2032
	12/1/2019		1,324,050	40,950	-	1,365,000	2020-2022, 2026, 2029 & 2032
	1/1/2020		619,484	45,516	-	665,000	2020-2022, 2026, 2029 & 2032
	5/1/2020		984,550	30,450	-	1,015,000	2020-2022, 2026, 2029 & 2032
	6/1/2020		649,900	20,100	-	670,000	2020-2022, 2026, 2029 & 2032
	7/1/2020		629,467	45,533	-	675,000	2021-2022, 2026, 2029 & 2032
	10/1/2020		2,066,100	63,900	-	2,130,000	2021-2022, 2026, 2029 & 2032
	11/1/2020		1,644,150	50,850	-	1,695,000	2021-2022, 2026, 2029 & 2032
	12/1/2020	-	1,115,500	34,500	-	1,150,000	2021-2022, 2026, 2029 & 2032
	1/1/2021	-	1,923,280	91,720	-	2,015,000	2021-2022, 2026, 2029 & 2032
	3/1/2021	-	29,100	900	-	30,000	2026, 2029 & 2032
	4/1/2021	-	1,527,750	47,250	-	1,575,000	2021-2022, 2026, 2029 & 2032
	5/1/2021	-	693,550	21,450	-	715,000	2021-2022, 2026, 2029 & 2032
	6/1/2021	-	1,115,500	34,500	-	1,150,000	2021-2022, 2026, 2029 & 2032
	7/1/2021	-	635,415	39,585	-	675,000	2022, 2026, 2029 & 2032
	9/1/2021	-	266,750	8,250	-	275,000	2022, 2026, 2029 & 2032
	10/1/2021	-	659,600	20,400	-	680,000	2022, 2026, 2029 & 2032
	11/1/2021	-	771,150	23,850	-	795,000	2022, 2026, 2029 & 2032
	12/1/2021	-	843,900	26,100	-	870,000	2022, 2026, 2029 & 2032
	1/1/2022	-	608,235	36,765	-	645,000	2026, 2029 & 2032
	5/1/2022	-	53,350	1,650	-	55,000	2026, 2029 & 2032



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	6/1/2022	-	421,950	13,050	-	435,000	2026, 2029 & 2032
	7/1/2022	-	483,356	31,644	-	515,000	2026, 2029 & 2032
Total 2014 E		-	45,740,951	1,839,049	-	47,580,000	



Series Excess
Revenues (including

Series Band Call Date December Propagament Series Called Series Call				Revenues (including				
11-12016 212-786 42-12 255.000 2041 3-17-2016 323-780 112-20 375,000 2041 4-17-2016 323-780 112-20 375,000 2041 4-17-2016 323-780 112-20 375,000 2041 4-17-2016 323-780 112-20 375,000 2041 4-17-2016 324-780 112-20 375,000 2041 4-17-2016 412-20 127-20 425,000 2041 4-17-2016 412-20 127-20 425,000 2041 4-17-2016 412-20 127-20 425,000 2041 4-17-2016 412-20 127-20 425,000 2041 4-17-2016 412-20 127-20 425,000 2041 4-17-2016 412-20 427-20 425,000 2041 4-17-2016 412-20 427-20 425,000 2041 4-17-2016 412-20 427-20 425,000 2041 4-17-2016 412-20 427-20 425,000 2041 4-17-2017 445,000 44-10 470,000 2041 4-17-2017 445,000 44-10 470,000 2041 4-17-2017 445,000 44-10 470,000 2041 4-17-2017 445,000 44-10 470,000 2041 4-17-2017 445,000 44-10 470,000 2041 4-17-2017 445,000 44-10 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2018 447,700 45-30 510,000 2041 4-17-2018 547,700 45-30 510,000 2041 4-17-2018 547,700 55-30 500,000 2041 4-17-2018 547,700 55-30 500,000 2041 4-17-2018 547,700 55-30 500,000 2041 4-17-2018 448,000 45-30 57-30 500,000 2041 4-17-2018 448,000 448,000 450,000 2041 4-17-2018 448,000 448,000 450,000 2041 4-17-2018 448,000 448,000 450,000 2041 4-17-2018 448,000 448,000 440,000 2041 4-17-2018 448,000 448,000 400,000 2041 4-17-2018 448,000 448,000 440,000 2041 4-17-2018 448,000 448,000 440,000 2041 4-17-2018 448,000 448,000 440,000 2041 4-17-2018 448,000 448,000 440,00	Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
11-12016 212-786 42-12 255.000 2041 3-17-2016 323-780 112-20 375,000 2041 4-17-2016 323-780 112-20 375,000 2041 4-17-2016 323-780 112-20 375,000 2041 4-17-2016 323-780 112-20 375,000 2041 4-17-2016 324-780 112-20 375,000 2041 4-17-2016 412-20 127-20 425,000 2041 4-17-2016 412-20 127-20 425,000 2041 4-17-2016 412-20 127-20 425,000 2041 4-17-2016 412-20 127-20 425,000 2041 4-17-2016 412-20 127-20 425,000 2041 4-17-2016 412-20 427-20 425,000 2041 4-17-2016 412-20 427-20 425,000 2041 4-17-2016 412-20 427-20 425,000 2041 4-17-2016 412-20 427-20 425,000 2041 4-17-2017 445,000 44-10 470,000 2041 4-17-2017 445,000 44-10 470,000 2041 4-17-2017 445,000 44-10 470,000 2041 4-17-2017 445,000 44-10 470,000 2041 4-17-2017 445,000 44-10 470,000 2041 4-17-2017 445,000 44-10 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2017 445,010 45-30 470,000 2041 4-17-2018 447,700 45-30 510,000 2041 4-17-2018 547,700 45-30 510,000 2041 4-17-2018 547,700 55-30 500,000 2041 4-17-2018 547,700 55-30 500,000 2041 4-17-2018 547,700 55-30 500,000 2041 4-17-2018 448,000 45-30 57-30 500,000 2041 4-17-2018 448,000 448,000 450,000 2041 4-17-2018 448,000 448,000 450,000 2041 4-17-2018 448,000 448,000 450,000 2041 4-17-2018 448,000 448,000 440,000 2041 4-17-2018 448,000 448,000 400,000 2041 4-17-2018 448,000 448,000 440,000 2041 4-17-2018 448,000 448,000 440,000 2041 4-17-2018 448,000 448,000 440,000 2041 4-17-2018 448,000 448,000 440,00								
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543016						-		
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77/12/16 \$87,527 \$17,473 \$75,000 2041 881/2016 412,200 2741 881/2016 412,200 12,755 425,000 2041 412,200 12,755 425,000 2041 412,200 12,755 425,000 2041 412,200 12,755 425,000 2041 412,200 412,200 425,000 2041 412,200 425,000 2041 412,200 425,000 2041 412,200 425,000 2041 412,200 425,000 2041 412,200 425,000 2041 412,200 425,000 2041 412,200 425,000 2041 412,200 425,000 2041 412,200 425,000 2041 412,200 425,000 424,000 425,000 424,000 424,000 425,000 424,0						-		
8-7/2016						-		
91/2016						-		
101/2016						-		
147/2076						-		
121/2016						-		
11/2017 374,554 50,460 425,000 2041 21/2017 455,900 14,100 470,000 2041 31/2017 455,900 14,100 470,000 2041 41/2017 455,900 14,100 470,000 2041 41/2017 455,900 14,100 470,000 2041 41/2017 455,900 14,100 470,000 2041 41/2017 455,900 14,100 470,000 2041 41/2017 445,518 24,182 470,000 2041 41/2017 445,518 24,182 470,000 2041 41/2017 444,700 15,300 510,000 2041 41/2017 444,700 15,300 510,000 2041 41/2017 444,700 15,300 510,000 2041 41/2017 444,700 15,300 510,000 2041 41/2017 444,700 15,300 510,000 2041 41/2017 444,700 15,300 510,000 2041 41/2018 509,250 13,750 525,000 2041 41/2018 509,250 13,750 525,000 2041 41/2018 509,250 13,750 525,000 2041 41/2018 509,250 15,750 525,000 2041 41/2018 509,250 15,750 525,000 2041 41/2018 509,250 15,750 525,000 2041 41/2018 509,250 15,750 525,000 2041 41/2018 509,250 15,750 525,000 2041 41/2018 509,250 15,750 525,000 2041 41/2018 486,500 15,750 525,000 2041 41/2018 486,500 15,750 525,000 2041 41/2018 486,500 15,750 525,000 2041 41/2019 486,500 15,750 525,000 2041 41/2019 486,500 15,750 525,000 2041 41/2019 486,500 15,750 525,000 2041 41/2019 486,500 15,750 525,000 2041 41/2019 486,500 15,750 525,000 2041 41/2019 485,500 15,750 525,000 2041 41/2019 485,500 15,750 525,000 2041 41/2019 485,500 14,400 480,000 2041 41/2019 485,500 14,400 480,000 2041 41/2019 485,500 14,400 480,000 2041 41/2019 485,500 14,400 480,000 2041 41/2019 485,500 14,400 480,000 2041 41/2019 485,500 14,400 480,000 2041 41/2019 485,500 14,400 480,000 2041 41/2019 485,500 14,400 480,000 2041 41/2019 485,500 13,800						-		
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\$\frac{5}{1}\text{2017} & - 455,800 & 14,100 & - 470,000 & 2041 \\ \frac{6}{1}\text{2017} & - 455,800 & 14,100 & - 470,000 & 2041 \\ \frac{7}{1}\text{2017} & - 445,818 & 24,182 & - 470,000 & 2041 \\ \frac{8}{1}\text{2017} & - 494,700 & 15,300 & - 510,000 & 2041 \\ \frac{9}{1}\text{2017} & - 494,700 & 15,300 & - 510,000 & 2041 \\ \frac{9}{1}\text{2017} & - 494,700 & 15,300 & - 510,000 & 2041 \\ \frac{1}{1}\text{1}\text{2017} & - 494,700 & 15,300 & - 510,000 & 2041 \\ \frac{1}{1}\text{1}\text{2017} & - 494,700 & 15,300 & - 510,000 & 2041 \\ \frac{1}{1}\text{1}\text{2017} & - 494,700 & 15,300 & - 510,000 & 2041 \\ \frac{1}{1}\text{1}\text{2017} & - 494,700 & 15,300 & - 510,000 & 2041 \\ \frac{1}{1}\text{1}\text{2017} & - 494,700 & 15,300 & - 510,000 & 2041 \\ \frac{1}{1}\text{2019} & - 497,702 & 15,750 & - 55,000 & 2041 \\ \frac{2}{1}\text{2018} & - 592,50 & 15,750 & - 55,000 & 2041 \\ \frac{2}{1}\text{2018} & - 592,50 & 15,750 & - 55,000 & 2041 \\ \frac{2}{1}\text{2018} & - 592,50 & 15,750 & - 55,000 & 2041 \\ \frac{2}{1}\text{2018} & - 592,50 & 15,750 & - 55,000 & 2041 \\ \frac{2}{1}\text{2018} & - 592,50 & 15,750 & - 55,000 & 2041 \\ \frac{2}{1}\text{2018} & - 592,50 & 15,750 & - 55,000 & 2041 \\ \frac{2}{1}\text{2018} & - 592,50 & 15,750 & - 55,000 & 2041 \\ \frac{2}{1}\text{2018} & - 485,800 & 15,750 & - 55,000 & 2041 \\ \frac{2}{1}\text{2018} & - 485,800 & 15,750 & - 55,000 & 2041 \\ \frac{2}{1}\text{2018} & - 485,800 & 15,150 & - 50,000 & 2041 \\ \frac{2}{1}\text{2019} & - 485,800 & 15,150 & - 50,000 & 2041 \\ \frac{2}{1}\text{2019} & - 485,800 & 15,150 & - 50,000 & 2041 \\ \frac{2}{1}\text{2019} & - 485,800 & 15,150 & - 50,000 & 2041 \\ \frac{2}{1}\text{2019} & - 485,800 & 15,150 & - 50,000 & 2041 \\ \frac{2}{1}\text{2019} & - 485,800 & 15,150 & - 50,000 & 2041 \\ \frac{2}{1}\text{2019} & - 485,800 & 15,150 & - 50,000 & 2041 \\ \frac{2}{1}\text{2019} & - 485,800 & 15,150 & - 50,000 & 2041 \\ \frac{2}{1}\text{2019} & - 485,800 & 14,400 & - 480,000 & 2041 \\ \frac{2}{1}\text{2019} & - 485,800 & 14,400 & - 48		3/1/2017	-	455,900	14,100	-	470,000	2041
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1/1/2020 - 439,440 20,560 - 460,000 2041						-		
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2/1/2020 - 421,950 13,050 - 435,000 2041						-		
		2/1/2020	-	421,950	13,050	-	435,000	2041



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	3/1/2020		426,800	13,200	-	440,000	2041
	4/1/2020		426,800	13,200	-	440,000	2041
	5/1/2020	-	426,800	13,200	-	440,000	2041
	6/1/2020		426,800	13,200	-	440,000	2041
	7/1/2020		421,138	18,862	-	440,000	2041
	8/1/2020		407,400	12,600	-	420,000	2041
	9/1/2020		407,400	12,600	-	420,000	2041
	10/1/2020		407,400	12,600	-	420,000	2041
	11/1/2020		407,400	12,600	-	420,000	2041
	12/1/2020		407,400	12,600	-	420,000	2041
	1/1/2021		403,656	16,344	-	420,000	2041
	2/1/2021		388,000	12,000	-	400,000	2041
	3/1/2021		388,000	12,000	-	400,000	2041
	4/1/2021		388,000	12,000	-	400,000	2041
	5/1/2021		388,000	12,000	-	400,000	2041
	6/1/2021		388,000	12,000	-	400,000	2041
	7/1/2021		385,955	14,045	-	400,000	2041
	8/1/2021		368,600	11,400	-	380,000	2041
	9/1/2021		373,450	11,550	-	385,000	2041
	10/1/2021		368,600	11,400	-	380,000	2041
	11/1/2021		373,450	11,550	-	385,000	2041
	12/1/2021		368,600	11,400	-	380,000	2041
	1/1/2022		372,586	12,414	-	385,000	2041
	2/1/2022		349,200	10,800	-	360,000	2041
	3/1/2022		354,050	10,950	-	365,000	2041
	4/1/2022		354,050	10,950	-	365,000	2041
	5/1/2022		354,050	10,950	-	365,000	2041
	6/1/2022		354,050	10,950	-	365,000	2041
	7/1/2022		353,943	11,057	-	365,000	2041
	8/1/2022		334,650	10,350	-	345,000	2041
	9/1/2022		334,650	10,350	-	345,000	2041
	10/1/2022		339,500	10,500	-	350,000	2041
	11/1/2022		334,650	10,350	-	345,000	2041
	12/1/2022		334,650	10,350	-	345,000	2041
	1/1/2023		339,500	10,500	-	350,000	2041
	2/1/2023		310,400	9,600	-	320,000	2041
	3/1/2023		247,350	7,650	-	255,000	2041
	4/1/2023		320,100	9,900	-	330,000	2041
	5/1/2023		174,600	5,400	-	180,000	2041
	6/1/2023		431,650	13,350	-	445,000	2041
	7/1/2023		135,800	4,200	-	140,000	2041
	8/1/2023		145,500	4,500	-	150,000	2041
	9/1/2023		87,300	2,700	-	90,000	2041
	10/1/2023		67,900	2,100	-	70,000	2041
	1/1/2024		1,008,800	31,200	-	1,040,000	2041
	2/1/2024		218,250	6,750	-	225,000	2041
	4/1/2024		140,650	4,350	-	145,000	2041
	5/1/2024		247,350	7,650	-	255,000	2041
-	6/1/2024		101,850	3,150	-	105,000	2041
Total 2015 A		-	40,228,423	1,401,577	-	41,630,000	



Series	Bond Call Date Unexpende		enues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2015 D	7/1/2022 \$	- \$	4,116,407	\$ 128,593 \$	- \$	4,245,000	2046
	1/1/2023	-	504,400	15,600	-	520,000	2046
Total 2015 D		-	4,620,807	144,193	-	4,765,000	



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
			·				
2015 E	4/1/2016		\$ 1,561,700		- \$		2046
	5/1/2016		305,550	9,450	-	315,000	2046
	6/1/2016	-	906,950	28,050	-	935,000	2016-2023 & 2046
	7/1/2016		1,917,207	87,793	-	2,005,000	2017-2023 & 2046
	8/1/2016	-	582,000	18,000	-	600,000	2046
	9/1/2016	-	582,000	18,000	-	600,000	2046
	10/1/2016	-	843,900	26,100	-	870,000	2017-2023 & 2046
	11/1/2016	-	1,115,500	34,500	-	1,150,000	2017-2023 & 2046
	12/1/2016	-	742,050	22,950	-	765,000	2017-2023 & 2046
	1/1/2017	-	1,758,055	86,945	-	1,845,000	2017-2023 & 2046
	2/1/2017	-	630,500	19,500	-	650,000	2046
	3/1/2017	-	630,500	19,500	-	650,000	2046
	4/1/2017	-	630,500	19,500	-	650,000	2046
	5/1/2017	-	1,236,750	38,250	-	1,275,000	2017-2023 & 2046
	6/1/2017	-	1,425,900	44,100	-	1,470,000	2017-2023 & 2046
	7/1/2017	· -	1,057,500	67,500	-	1,125,000	2018-2023 & 2046
	8/1/2017		674,150	20,850	-	695,000	2046
	9/1/2017		766,300	23,700	-	790,000	2018-2023 & 2046
	10/1/2017		1,290,100	39,900	-	1,330,000	2018-2023 & 2046
	11/1/2017		1,372,550	42,450	-	1,415,000	2018-2023 & 2046
	12/1/2017		1,202,800	37,200	-	1,240,000	2018-2023 & 2046
	1/1/2018		1,173,808	66,192	-	1,240,000	2018-2023 & 2046
	2/1/2018		712,950	22,050	-	735,000	2046
	3/1/2018		717,800	22,200	-	740,000	2046
	4/1/2018		712,950	22,050	-	735,000	2046
	5/1/2018		717,800	22,200	-	740,000	2046
	6/1/2018		868,150	26,850	_	895,000	2018-2023 & 2046
	7/1/2018		1,366,327	68,673	- -	1,435,000	2019-2023 & 2046
	8/1/2018		703,250	21,750	- -	725,000	2046
	9/1/2018		703,250	21,750	- -	725,000	2046
	10/1/2018		703,250	21,750	- -	725,000	2046
	11/1/2018		989,400	30,600	- -	1,020,000	2019-2023 & 2046
	12/1/2018		1,362,850	42,150	<u>-</u>	1,405,000	2019-2023 & 2046
	1/1/2018		1,487,601	67,399			2019-2023 & 2046 2019-2023 & 2046
					-	1,555,000	2019-2023 & 2040 2046
	2/1/2019		460,750	14,250	-	475,000	2046
	3/1/2019		882,700	27,300	-	910,000	2046
	4/1/2019		674,150	20,850	-	695,000	
	5/1/2019		674,150	20,850	-	695,000	2046
	6/1/2019		727,500	22,500	-	750,000	2019-2023 & 2046
	7/1/2019		946,316	53,684	-	1,000,000	2020-2023 & 2046
	8/1/2019		640,200	19,800	-	660,000	2046
	9/1/2019		480,150	14,850	-	495,000	2046
	10/1/2019		809,950	25,050	-	835,000	2046
	11/1/2019		882,700	27,300	-	910,000	2020-2023 & 2046
	12/1/2019		1,062,150	32,850	-	1,095,000	2020-2023 & 2046
	1/1/2019		1,073,915	51,085	-	1,125,000	2020-2023 & 2046
	2/1/2020		611,100	18,900	-	630,000	2046
	3/1/2020		615,950	19,050	-	635,000	2046
	4/1/2020		892,400	27,600	-	920,000	2020-2023 & 2046
	5/1/2020	-	1,023,350	31,650	-	1,055,000	2020-2023 & 2046



			Series Excess				
Series	Bond Call Date	Unexpended Proceeds	Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
Series	Bolla Call Date	Oliexpelided Froceeds	r repayments)	Neserve Lacess	Other	Total Bollus Galleu	Maturity Date(s) of Boriu(s) Called
	6/1/2020	-	839,050	25,950	_	865,000	2020-2023 & 2046
	7/1/2020	_	936,320	43,680	_	980,000	2021-2023 & 2046
	8/1/2020		586,850	18,150	_	605,000	2046
	9/1/2020		586,850	18,150	_	605,000	2046
	10/1/2020		882,700	27,300	_	910,000	2021-2023 & 2046
	11/1/2020		1,256,150	38,850	- -	1,295,000	2021-2023 & 2046
	12/1/2020		1,125,200	34,800	- -	1,160,000	2021-2023 & 2046
	1/1/2021	- -	1,050,399	39,601	- -	1,090,000	2021-2023 & 2046
	2/1/2021	- -	557,750	17,250	- -	575,000	2046
	3/1/2021	- -	1,008,800	31,200	- -	1,040,000	2021-2023 & 2046
	4/1/2021	_	945,750	29,250	_	975,000	2021-2023 & 2046
	5/1/2021	- -	863,300	26,700	- -	890,000	2021-2023 & 2046
	6/1/2021	- -	863,300	26,700	- -	890,000	2021-2023 & 2046
	7/1/2021	- -	643,952	21,048	- -	665,000	2022-2023 & 2046
	8/1/2021	- -	533,500	16,500	- -	550,000	2046
	9/1/2021	- -	533,500	16,500	- -	550,000	2046
	10/1/2021	- -	538,350	16,650	- -	555,000	2046
	11/1/2021	- -	543,200	16,800	- -	560,000	2022 & 2046
	12/1/2021	- -	800,250	24,750	- -	825,000	2022-2023 & 2046
	1/1/2022		557,700	17,300	- -	575,000	2022-2023 & 2046
	2/1/2022		509,250	15,750	- -	525,000	2046
	3/1/2022		509,250	15,750	- -	525,000	2046
	4/1/2022		509,250	15,750	- -	525,000	2046
	5/1/2022		509,250	15,750	- -	525,000	2046
	6/1/2022		509,250	15,750	-	525,000	2046
	7/1/2022		514,100	15,900	- -	530,000	2046
	8/1/2022		485,000	15,000	- -	500,000	2046
	9/1/2022		485,000	15,000	- -	500,000	2046
	10/1/2022		489,850	15,150	- -	505,000	2046
	11/1/2022		485,000	15,000	- -	500,000	2046
	12/1/2022		485,000	15,000	_	500,000	2046
	1/1/2023		489,850	15,150	_	505,000	2046
	2/1/2023		460,750	14,250	_	475,000	2046
	3/1/2023		305,550	9,450	_	315,000	2046
	4/1/2023		213,400	6,600	_	220,000	2046
	5/1/2023		334,650	10,350	_	345,000	2046
	6/1/2023		727,500	22,500	_	750,000	2046
	7/1/2023		368,600	11,400	_	380,000	2046
	8/1/2023		291,000	9,000	_	300,000	2046
	9/1/2023		97,000	3,000	_	100,000	2046
	1/1/2024		1,852,700	57,300	_	1,910,000	2046
	2/1/2024		518,950	16,050	_	535,000	2046
	4/1/2024		174,600	5,400	_	180,000	2046
Total 2015 E		-	72,886,900	2,493,100	-	75,380,000	
2015 G	7/4/0004	¢	\$ 1,452,524	\$ 47,476 \$	- ;	¢ 1.500.000	2034
2013 G	7/1/2021 1/1/2022		2,604,215	80,785	- ,	\$ 1,500,000 2,685,000	2034
	7/1/2022		2,221,300	68,700	- -	2,290,000	2034
	1/1/2023		790,550	24,450	- -	815,000	2034
Total 2015 G	1/ 1/2020		7,068,589	221,411	-	7,290,000	200.
			.,555,566	,		.,200,000	



Series Excess
Revenues (including

			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 A	11/1/2016	5 \$ - \$	2,439,550	\$ 75,450 \$	-	\$ 2,515,000	2017-2026, 2031 & 2033
2010 A	12/1/2016		480,150	14,850	_	495,000	2017-2026, 2031 & 2033
	1/1/2017		759,401	40,599	_	800,000	2017-2026, 2031 & 2033
	2/1/2017		1,168,850	36,150	_	1,205,000	2017-2026, 2031 & 2033
	3/1/2017		426,800	13,200	_	440,000	2017-2026, 2031 & 2033
	4/1/2017		1,071,850	33,150	_	1,105,000	2017-2026, 2031 & 2033
	5/1/2017		717,800	22,200	_	740,000	2017-2026, 2031 & 2033
	6/1/2017		533,500	16,500	_	550,000	2017-2026, 2031 & 2033
	7/1/2017		883,012	41,988	_	925,000	2018-2026, 2031 & 2033
	11/1/2017		999,100	30,900	_	1,030,000	2018-2026, 2031 & 2033
	12/1/2017		1,067,000	33,000	-	1,100,000	2018-2026, 2031 & 2033
	1/1/2018		705,595	44,405	-	750,000	2018-2026, 2031 & 2033
	5/1/2018		446,200	13,800	-	460,000	2018-2026, 2031 & 2033
	6/1/2018			13,200	-	440,000	2018-2026, 2031 & 2033
	7/1/2018		426,800		-		2019-2026, 2031 & 2033
	11/1/2018		1,199,038 669,300	50,962 20,700	-	1,250,000 690,000	2019-2026, 2031 & 2033
	12/1/2018			34,650	-		2019-2026, 2031 & 2033
			1,120,350		-	1,155,000	2019-2026, 2031 & 2033
	1/1/2019		1,507,089	72,911	-	1,580,000	
	5/1/2019		164,900	5,100	-	170,000	2019-2026, 2031 & 2033
	6/1/2019		252,200	7,800	-	260,000	2019-2026, 2031 & 2033
	7/1/2019		511,063	28,937	-	540,000	2020-2026, 2031 & 2033
	10/1/2019		72,750	2,250	-	75,000	2023-2026, 2031 & 2033
	11/1/2019		756,600	23,400	-	780,000	2020-2026, 2031 & 2033
	12/1/2019		989,400	30,600	-	1,020,000	2020-2026, 2031 & 2033
	1/1/2020		1,008,659	51,341	-	1,060,000	2020-2026, 2031 & 2033
	5/1/2020		809,950	25,050	-	835,000	2020-2026, 2031 & 2033
	6/1/2020		388,000	12,000	-	400,000	2020-2026, 2031 & 2033
	7/1/2020		704,032	35,968	-	740,000	2021-2026, 2031 & 2033
	10/1/2020		2,240,700	69,300	-	2,310,000	2021-2026, 2031 & 2033
	11/1/2020		1,503,500	46,500	-	1,550,000	2021-2026, 2031 & 2033
	12/1/2020		1,532,600	47,400	-	1,580,000	2021-2026, 2031 & 2033
	1/1/2021		1,771,841	73,159	-	1,845,000	2021-2026, 2031 & 2033
	3/1/2021		1,333,750	41,250	-	1,375,000	2021-2026, 2031 & 2033
	4/1/2021		877,850	27,150	-	905,000	2021-2026, 2031 & 2033
	5/1/2021		906,950	28,050	-	935,000	2021-2026, 2031 & 2033
	6/1/2021		1,139,750	35,250	-	1,175,000	2021-2026, 2031 & 2033
	7/1/2021		1,507,746	57,254	-	1,565,000	2022-2026, 2031 & 2033
	10/1/2021		596,550	18,450	-	615,000	2022-2026, 2031 & 2033
	11/1/2021		596,550	18,450	-	615,000	2022-2026, 2031 & 2033
	12/1/2021		1,100,950	34,050	-	1,135,000	2022-2026, 2031 & 2033
	1/1/2022		800,427	34,573	-	835,000	2022-2026, 2031 & 2033
	4/1/2022		771,150	23,850	-	795,000	2022-2026, 2031 & 2033
	5/1/2022		611,100	18,900	-	630,000	2022-2026, 2031 & 2033
	6/1/2022	-	533,500	16,500	-	550,000	2022-2026, 2031 & 2033
	7/1/2022	-	147,598	7,402	-	155,000	2023-2026, 2031 & 2033
	12/1/2022	-	82,450	2,550	-	85,000	2024-2026, 2031 & 2033



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	1/1/2023	3	79,804	5,196		- 85,000	2024-2026, 2031 & 2033
Total 2016 A		-	40,413,705	1,436,295		- 41,850,000	



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 B	0/4/0040	Φ.	TO 4 400	ф 45.000 ф		* 500.000	2040
	9/1/2016				- :		2046
	11/1/2016		2,172,800	67,200	-	2,240,000	2035, 2037 & 2046
	12/1/2016		620,800	19,200	-	640,000	2035, 2037 & 2046
	1/1/2017	-	726,177	38,823	-	765,000	2035, 2037 & 2046
	2/1/2017	-	1,003,950	31,050	-	1,035,000	2035, 2037 & 2046
	3/1/2017	-	703,250	21,750	-	725,000	2035, 2037 & 2046
	4/1/2017	-	960,300	29,700	-	990,000	2035, 2037 & 2046
	5/1/2017	-	824,500	25,500	-	850,000	2035, 2037 & 2046
	6/1/2017	-	742,050	22,950	-	765,000	2035, 2037 & 2046
	7/1/2017	-	887,785	42,215	-	930,000	2035, 2037 & 2046
	8/1/2017	-	577,150	17,850	-	595,000	2046
	9/1/2017	-	577,150	17,850	-	595,000	2046
	10/1/2017	-	577,150	17,850	-	595,000	2046
	11/1/2017	-	994,250	30,750	-	1,025,000	2035, 2037 & 2046
	12/1/2017	-	1,018,500	31,500	-	1,050,000	2035, 2037 & 2046
	1/1/2018	-	865,530	54,470	-	920,000	2035, 2037 & 2046
	2/1/2018	-	625,650	19,350	-	645,000	2046
	3/1/2018	-	625,650	19,350	-	645,000	2046
	4/1/2018	-	625,650	19,350	-	645,000	2046
	5/1/2018	-	814,800	25,200	-	840,000	2035, 2037 & 2046
	6/1/2018	-	805,100	24,900	-	830,000	2035, 2037 & 2046
	7/1/2018	-	1,131,892	48,108	-	1,180,000	2035, 2037 & 2046
	8/1/2018	-	567,450	17,550	-	585,000	2046
	9/1/2018		567,450	17,550	-	585,000	2046
	10/1/2018		567,450	17,550	-	585,000	2046
	11/1/2018		858,450	26,550	-	885,000	2035, 2037 & 2046
	12/1/2018		1,052,450	32,550	-	1,085,000	2035, 2037 & 2046
	1/1/2019		1,230,471	59,529	-	1,290,000	2035, 2037 & 2046
	2/1/2019		538,350	16,650	-	555,000	2046
	3/1/2019		538,350	16,650	_	555,000	2046
	4/1/2019		543,200	16,800	-	560,000	2046
	5/1/2019		615,950	19,050	-	635,000	2035, 2037 & 2046
	6/1/2019		649,900	20,100	-	670,000	2035, 2037 & 2046
	7/1/2019		766,595	43,405	-	810,000	2035, 2037 & 2046
	8/1/2019		509,250	15,750	-	525,000	2046
	9/1/2019		509,250	15,750	_	525,000	2046
	10/1/2019		543,200	16,800	_	560,000	2035, 2037 & 2046
	11/1/2019		853,600	26,400	_	880,000	2035, 2037 & 2046
	12/1/2019		960,300	29,700	<u>-</u>	990,000	2035, 2037 & 2046
	1/1/2020		975,354	49,646	- -	1,025,000	2035, 2037 & 2046
	2/1/2020		480,150	14,850	- -	495,000	2035, 2037 & 2040
	3/1/2020		480,150	14,850	- -	495,000	2046
	4/1/2020		480,150	14,850	- -	495,000 495,000	2046
				26,550			2035, 2037 & 2046
	5/1/2020		858,450 650,600		-	885,000	
	6/1/2020		659,600	20,400	-	680,000	2035, 2037 & 2046
	7/1/2020		818,199	41,801	-	860,000	2035, 2037 & 2046
	8/1/2020		451,050	13,950	-	465,000	2046
	9/1/2020		455,900	14,100	-	470,000	2046
	10/1/2020	-	1,537,450	47,550	-	1,585,000	2035, 2037 & 2046



Series Bond Call Date Unexpended Proceeds Prepayments Reserve Excess Other Total Bonds Called Maturity Date(1) of Bond(s) Called 1111/2002 - 1.168.250 38.750 - 1.255.000 2805, 2007 & 2048 1110/2012 - 1.168.250 38.950 - 1.256.000 2005, 2007 & 2048 1110/2012 - 1.158.250 58.375 - 1.256.000 2005, 2007 & 2048 1110/2012 - 1.058.000 38.300 - 1.159.000 2005, 2007 & 2048 4417/201 - 685.300 28.770 - 880.000 2905, 2007 & 2048 4517/201 - 686.100 29.770 4.200 - 2005 2007 & 2048 4517/201 - 39.770 4.230 - 4.000 2005 2007 & 2048 4517/201 - 39.770 4.230 - 4.000 2005 2007 & 2048 2009 - 7.500 2005 2005 7.500 2005 2007 & 2048					Revenues (including				
111/2020		Sories	Bond Call Date	Unexpended Proceeds	•	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
141/2020		Octios	Bona Gan Bato	Onexpended Freedom	1 Topaymonto,	TOOCI TO EXOCOC	Othioi	Total Bollas Gallea	matanty bato(s) of bond(s) banda
141/2020			11/1/2020	_	1 188 250	36 750	_	1 225 000	2035 2037 & 2046
11/10/2021 - 1,389,888							_		
241,000 241,000 240,									
31,70071 1,888,100 33,800 1,100,000 2395, 2337 & 2046 41,70021 883,300 27,700 800,000 7055, 7037 & 7046 51,70021 980,100 30,000 1,000,000 2395, 2337 & 2046 61,70021 1,000,000 1,000,000 2395, 2337 & 2046 71,70021 1,000,000 1,000,000 2395, 2337 & 2046 71,70021 1,000,000 1,000,000 2395, 2337 & 2046 71,70021 1,000,000 1,000,000 2496 71,70021 1,000,000 1,000,000 2496 71,70021 1,000,000 1,000,000 2496 71,70021 1,000,000 1,000,000 2496 71,70021 1,000,000 1,000,000 2496 71,70021 1,000,000 2496 71,70021 1,000,000 2496 71,70021 1,000,000 2496 71,70022 1,000,000 1,000,000 2496 71,70022 1,000,000 1,000,000 2496 71,70022 1,000,000 1,000,000 2496 71,70022 1,000,000 2,000,000 2496 71,70022 1,000,000 2,000,000 2496 71,70022 1,000,000 2,000,000 2496 71,70022 1,000,000 2,000,000 2,000,000 71,70020 1,000,000 2,000,000 71,70000 1,000,000 2,000,000									
### 147021									
5/h/2021 989,100 2036,2037 & 2046 6/h/2021 999,100 30,900 - 1,030,000 2035,2037 & 2046 7/h/2021 1,200,087 46,913 - 1,256,000 2035,2037 & 2046 8/h/2021 387,700 12,300 - 410,000 2046 9/h/2021 387,700 12,300 - 410,000 2046 10/h/2021 772,500 2,055 - 735,000 205,707 & 7044 11/h/2021 700,100 2,050 - 730,000 205,707 & 7044 11/h/2021 700,100 21,950 - 730,000 205,707 & 7044 11/h/2021 700,100 21,950 - 730,000 205,707 & 7044 11/h/2021 800 21,950 - 730,000 205,707 & 7044 11/h/2021 800 11,400 380,000 205,2037 & 2046 11/h/2022 388,900 11,600 380,000 2046 11/h/2022 765,700 24,000 10,000 2035,2037 & 2046 11/h/2022 694,400 21,600 720,000 2035,203									
8/1/2021 - 999,100 30,900 - 1,030,000 2035, 2037 2.2046 7/1/2021 - 307,700 12.300 - 410.000 2046 8/1/2021 - 307,700 12.300 - 410.000 7046 8/1/2021 - 712,660 22,660 735,000 2035, 2037 2.2046 8/1/2021 - 70,100 2,900 - 730,000 2035, 2037 2.2046 8/1/2021 - 905,150 29,850 - 965,000 2035, 2037 2.2048 8/1/2022 - 829,185 38,815 - 865,000 2035, 2037 2.2048 8/1/2022 - 308,800 11,400 - 380,000 2.046 8/1/2022 - 84,850 11,550 - 388,000 2.046 8/1/2022 - 84,850 11,550 - 388,000 2.046 8/1/2022 - 664,450 2,600 - 700,000 2.055, 2037 2.2048 8/1/2022 - 664,450 2,600 - 700,000 2.055, 2037 2.2048 8/1/2022 - 664,450 2,600 - 700,000 2.055, 2037 2.2048 8/1/2022 - 664,450 2,600 - 700,000 2.055, 2037 2.2048 8/1/2022 - 664,450 2,600 - 700,000 2.055, 2037 2.2048 8/1/2022 - 664,450 2,600 - 700,000 2.055, 2037 2.2048 8/1/2022 - 344,350 10,650 355,000 2046 8/1/2024 - 30,700 9,900 300,000 2046 8/1/2024 - 30,700 9,900 300,000 2046 8/1/2024 - 30,700 9,900 300,000 2046 8/1/2024 - 30,700 9,900 300,000 2046 8/1/2024 - 30,700 9,900 300,000 2046 8/1/2024 - 30,700 9,900 300,000 2046 8/1/2024 - 30,700 9,900 300,000 2046 8/1/2024 - 30,700 9,900 300,000 2046 8/1/2024 - 30,700 9,900 300,000 2046 8/1/2024 - 30,700 9,900 300,000 2046 8/1/2024 - 30,700 9,									
77/2021									
81/2021									
91/2021 397,700 12,300 410,000 2046 101/10014 717,295 22,050 735,000 2035, 2037 & 2046 101/10014 965,150 28,850 995,000 2035, 2037 & 2046 101/10014 965,150 28,850 995,000 2035, 2037 & 2046 101/10012 82,0185 35,815 885,000 2035, 2037 & 2046 101/10022 386,800 11,400 380,000 2046 101/10022 785,700 21,300 700,000 2035, 2037 & 2046 101/10022 968,400 21,600 720,000 2035, 2037 & 2046 101/10022 964,400 21,600 720,000 2035, 2037 & 2046 101/10022 94,716 22,884 475,000 2035, 2037 & 2046 101/10022 344,300 10,850 385,000 2046 101/10022 344,300 10,850 385,000 2046 101/10022 344,300 10,850 385,000 2046 101/10022 344,300 10,850 385,000 2046 101/10022 344,300 10,850 385,000 2046 101/10022 344,300 10,850 385,000 2046 101/10022 344,300 10,850 385,000 2046 101/10023 344,300 10,850 385,000 2046 101/10023 382,241 24,739 405,000 2035, 2037 & 2046 101/10023 382,241 24,739 405,000 2035, 2037 & 2046 101/10023 382,241 24,739 405,000 2035, 2037 & 2046 101/10023 382,241 24,739 405,000 2035, 2037 & 2046 101/10023 382,241 24,739 405,000 2046 101/10023 382,241 24,739 405,000 2046 101/10023 382,241 24,739 405,000 2046 101/10023 382,241 24,739 405,000 2046 101/10023 382,241 24,739 405,000 2046 101/10023 382,241 24,739 405,000 2046 101/10023 382,241 24,739 382,241 24,739 405,000 2046 101/10023 382,241 24,739 382,241 24,739 405,000 2446 101/10023 382,241 24,739 382,241 24,739 405,000 2466 101/10023 382,241 24,739 382,241 24,739 382,241 24,739 382,241 24,739 382,241 24,739 382,241 24,739 382,241 24,739 382,241 24,739 382,241 24,739 382,241 24,739 382,241 24,739 382,241 24,739 382,241 24,739 382,241 24,739 382,24									
101/2021							-		
141/1/2021 - 708,100							-		
121/2021							-		
1/1/2022 - 88,860							-		
2/1/2022 - 388,800 11,400 - 380,000 2046 3/1/2022 - 373,450 11,550 - 385,000 2046 4/1/2022 - 785,700 24,300 - 810,000 2035,2037 & 2046 5/1/2022 - 688,400 21,600 - 720,000 2035, 2037 & 2046 6/1/2022 - 684,450 20,550 - 685,000 2035, 2037 & 2046 6/1/2022 - 452,316 22,884 - 475,000 2035, 2037 & 2046 6/1/2022 - 394,450 10,500 - 350,000 2046 6/1/2022 - 344,550 10,650 - 355,000 2046 6/1/2022 - 344,550 10,650 - 355,000 2046 6/1/2022 - 344,550 10,650 - 355,000 2046 6/1/2022 - 344,550 10,650 - 355,000 2046 6/1/2022 - 344,550 10,650 - 355,000 2046 6/1/2023 - 380,241 24,759 - 405,000 2035, 2037 & 2046 6/1/2023 - 380,241 24,759 - 405,000 2035, 2037 & 2046 6/1/2023 - 380,241 24,759 - 405,000 2035, 2037 & 2046 6/1/2023 - 320,100 9,300 - 330,000 2046 6/1/2023 - 320,100 9,300 - 330,000 2046 6/1/2023 - 322,000 9,300 - 330,000 2046 6/1/2023 - 372,000 2,700 - 90,000 2046 6/1/2023 - 372,000 2,700 - 90,000 2046 6/1/2023 - 342,500 7,500 - 250,000 2046 6/1/2023 - 372,000 2,700 - 90,000 2046 6/1/2023 - 372,000 3,000 - 2046 6/1/2023 - 372,000 3,000 2046 6/1/2023 - 372,000 3,000 2046 6/1/2023 - 372,000 3,000 2046 6/1/2023 - 372,000 3,000 2046 6/1/2023 - 372,000 3,000 2046 6/1/2023 - 372,000 3,000 2046 6/1/2023 - 372,000 3,000 2046 6/1/2023 - 372,000 3,000 2046 6/1/2023 - 372,000 3,000 2046 6/1/2023 - 372,000 3,000 2046 6/1/2023 - 372,000 3,000 2046 6/1/2023 - 372,000 3,000 2046 6/1/2023 - 372,000 3,000 2046 6/1/2024 - 372,000 3,000 2046 6/1/2024 - 372,000 3,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 374,000 5,000 2046 6/1/2024 - 3							-		
3/1/20/22 3/34,450 11,550 385,000 2046							-		
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6/1/2022 - 644.50			4/1/2022	-	785,700	24,300	-	810,000	2035, 2037 & 2046
7/1/2022			5/1/2022	-	698,400	21,600	-	720,000	2035, 2037 & 2046
7/1/2022			6/1/2022	-	664,450	20,550	-	685,000	2035, 2037 & 2046
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9/1/2022 - 344,350 10,650 - 355,000 2046 10/1/2022 - 344,350 10,650 - 355,000 2046 11/1/2022 - 344,350 10,650 - 355,000 2046 11/1/2022 - 344,350 10,650 - 355,000 2046 11/1/2023 - 392,850 12,150 - 405,000 2035, 2037 & 2046 11/1/2023 - 315,250 9,750 - 355,000 2035, 2037 & 2046 21/1/2023 - 320,100 9,900 - 330,000 2046 31/1/2023 - 320,100 9,900 - 330,000 2046 51/1/2023 - 37,300 2,700 - 9,900 2046 51/1/2023 - 67,300 2,700 - 9,900 2046 51/1/2023 - 242,500 7,500 - 250,000 2046 61/1/2023 - 242,500 7,500 - 250,000 2046 61/1/2023 - 356,674 9,326 - 65,000 2046 61/1/2023 - 37,000 3,000 - 100,000 2046 61/1/2023 - 37,000 3,000 - 100,000 2046 61/1/2023 - 37,000 3,000 - 100,000 2046 61/1/2023 - 97,000 3,000 - 100,000 2046 61/1/2024 - 92,150 2,500 4,950 - 165,000 2046 61/1/2024 - 402,258 27,742 - 430,000 2046 61/1/2024 - 92,150 2,850 - 85,000 2046 61/1/2024 - 92,150 2,850 - 85,000 2046 61/1/2024 - 92,150 2,850 - 85,000 2046 61/1/2024 - 92,150 2,850 - 85,000 2046 61/1/2024 - 92,150 2,850 - 85,000 2046 61/1/2024 - 92,150 2,850 - 85,000 2046 61/1/2024 - 92,150 2,850 - 85,000 2046 61/1/2024 - 92,150 2,850 - 85,000 2046 61/1/2024 - 92,150 2,850 - 85,000 2046 61/1/2024 - 82,450 2,550 - 85,000 2046							-		2046
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Total 2016 B - 59,493,749 2,066,251 - 61,560,000			6/1/2024				-		2046
	Total 20	16 B		-	59,493,749	2,066,251	-	61,560,000	



Series Bond Call Date Unexpended Proceeds Prepayments) Reserve Excess Other Total Bonds Called Maturity Date(s) of Bonds 2016 C 11/1/2016 \$ 1,173,700 \$ 36,300 \$ - \$ 1,210,000 2017-2026, 2031 & 2017-2	037
12/1/2016 - 310,400 9,600 - 320,000 2017-2026, 2031 & 2	
12/1/2016 - 310,400 9,600 - 320,000 2017-2026, 2031 & 2	
	037
2/1/2017 - 227,950 7,050 - 235,000 2018-2026, 2031 & 2	
3/1/2017 - 126,100 3,900 - 130,000 2018-2026, 2031 & 2	
4/1/2017 - 518,950 16,050 - 535,000 2018-2026, 2031 & 2	
5/1/2017 - 72,750 2,250 - 75,000 2018-2026, 2031 & 2	
6/1/2017 - 121,250 3,750 - 125,000 2018-2026, 2031 & 2	037
7/1/2017 - 52,503 2,497 - 55,000 2018-2026, 2031 & 2	037
8/1/2017 - 257,050 7,950 - 265,000 2018-2026, 2031 & 2	
9/1/2017 - 24,250 750 - 25,000 2018-2019, 2031 & 2	037
10/1/2017 - 237,650 7,350 - 245,000 2018-2026, 2031 & 2	037
11/1/2017 - 242,500 7,500 - 250,000 2018-2026, 2031 & 2	037
12/1/2017 - 126,100 3,900 - 130,000 2018-2026, 2031 & 2	037
1/1/2018 206,975 13,025 - 220,000 2019-2026, 2031 & 2	037
2/1/2018 - 33,950 1,050 - 35,000 2019, 2026, 2031 & 2	2037
3/1/2018 - 164,900 5,100 - 170,000 2019-2026, 2031 & 2	037
4/1/2018 - 24,250 750 - 25,000 2019 & 2026, 2031 &	2037
5/1/2018 - 43,650 1,350 - 45,000 2019 & 2026, 2031 &	2037
6/1/2018 - 116,400 3,600 - 120,000 2019 & 2026, 2031 &	
7/1/2018 - 100,719 4,281 - 105,000 2019 & 2026, 2031 &	
8/1/2018 - 257,050 7,950 - 265,000 2019-2026, 2031 & 2	
9/1/2018 - 286,150 8,850 - 295,000 2019-2026, 2031 & 2	
10/1/2018 - 140,650 4,350 - 145,000 2019-2026, 2031 & 2	
11/1/2018 - 29,100 900 - 30,000 2019 & 2026, 2031 &	
12/1/2018 - 174,600 5,400 - 180,000 2019 & 2026, 2031 &	
1/1/2019 - 257,540 12,460 - 270,000 2019 & 2026, 2031 &	
2/1/2019 - 14,550 450 - 15,000 2026, 2031 & 203	
3/1/2019 - 169,750 5,250 - 175,000 2020-2026, 2031 & 2	
4/1/2019 - 24,250 750 - 25,000 2025, 2031 & 203	
5/1/2019 - 121,250 3,750 - 125,000 2020-2026, 2031 & 2	
6/1/2019 - 198,850 6,150 - 205,000 2020-2026, 2031 & 2	
7/1/2019 - 94,641 5,359 - 100,000 2022-2026, 2031 & 2	
8/1/2019 - 92,150 2,850 - 95,000 2022-2026, 2031 & 2	
9/1/2019 - 33,950 1,050 - 35,000 2024, 2026, 2031 & 2	
10/1/2019 - 121,250 3,750 - 125,000 2020-2026, 2031 & 2	
11/1/2019 - 121,250 3,750 - 125,000 2020-2020, 2031 & 2 11/1/2019 - 106,700 3,300 - 110,000 2021-2026, 2031 & 2	
3/1/2020 - 87,300 2,700 - 90,000 2023-2026, 2031 & 2	
4/1/2020 - 87,300 2,700 - 90,000 2021-2026, 2031 & 2	
5/1/2020 - 121,250 3,750 - 125,000 2021-2026, 2031 & 2 6/4/2020 - 1202	
6/1/2020 - 48,500 1,500 - 50,000 2022, 2025-2026, 2031	
7/1/2020 - 80,869 4,131 - 85,000 2023-2026, 2031 & 2	
8/1/2020 - 155,200 4,800 - 160,000 2021-2026, 2031 & 2	
9/1/2020 - 111,550 3,450 - 115,000 2021-2026, 2031 & 2	
10/1/2020 - 43,650 1,350 - 45,000 2023-2024, 2031 & 2	
11/1/2020 - 160,050 4,950 - 165,000 2021-2026, 2031 & 2	
12/1/2020 - 101,850 3,150 - 105,000 2021-2025, 2031 & 2	2037



Series	Bond Call Date	Unexpended Proceeds	Revenues (including Prepayments)	Reserve Excess	Other	Total Bond	ds Called	Maturity Date(s) of Bond(s) Called
	1/1/2021	_	67,224	2,776	_	_	70,000	2022-2023, 2026, 2031 & 2037
	2/1/2021	_	203,700	6,300	_	_	210,000	2023-2026, 2031 & 2037
	3/1/2021	_	38,800	1,200	_	_	40,000	2023-2024, 2031 & 2037
	4/1/2021	_	184,300	5,700	_		190,000	2022-2026, 2031 & 2037
	5/1/2021	<u>-</u>	77,600	2,400	<u>-</u>		80,000	2023-2026, 2031 & 2037
	6/1/2021	<u>-</u>	92,150	2,850	_		95,000	2022-2025, 2031 & 2037
	7/1/2021	<u>-</u>	202,317	7,683	<u>-</u>	_	210,000	2022-2026, 2031 & 2037
	8/1/2021	<u>-</u>	237,650	7,350	-	_	245,000	2022-2026, 2031 & 2037
	9/1/2021	_	87,300	2,700	-		90,000	2022-2026, 2031 & 2037
	10/1/2021	_	48,500	1,500	-		50,000	2024-2025, 2031 & 2037
	11/1/2021	-	111,550	3,450	-	_	115,000	2022-2025, 2031 & 2037
	12/1/2021	-	63,050	1,950	-	_	65,000	2022,2023, 2026, 2031 & 2037
	1/1/2022	-	110,238	4,762	-	_	115,000	2023-2026, 2031 & 2037
	2/1/2022		126,100	3,900	-	_	130,000	2023-2026, 2031 & 2037
	3/1/2022		63,050	1,950	-	_	65,000	2025-2026, 2031 & 2037
	4/1/2022		63,050	1,950	-	_	65,000	2023-2024, 2031 & 2037
	5/1/2022		140,650	4,350	-	_	145,000	2023-2026, 2031 & 2037
	6/1/2022		116,400	3,600	-	_	120,000	2023-2026, 2031 & 2037
	7/1/2022		99,986	5,014	-	_	105,000	2023-2026, 2031 & 2037
	8/1/2022		14,550	450	_	_	15,000	2025, 2031 & 2037
	9/1/2022		14,550	450	_	_	15,000	2023, 2031 & 2037
	10/1/2022		4,850	150	_	_	5,000	2037
	11/1/2022		92,150	2,850	_	_	95,000	2023-2025, 2031 & 2037
	12/1/2022		9,700	300	_	_	10,000	2031 & 2037
	1/1/2023		37,555	2,445	_	_	40,000	2024, 2031 & 2037
	3/1/2023		24,250	750	-	-	25,000	2025, 2031 & 2037
	4/1/2023		38,800	1,200	-	_	40,000	2026, 2031 & 2037
	5/1/2023		14,550	450	-	_	15,000	2031 & 2037
	6/1/2023		9,700	300	-	_	10,000	2031 & 2037
	7/1/2023		42,826	7,174	-	-	50,000	2024, 2031 & 2037
	8/1/2023		14,550	450	-	-	15,000	2031 & 2037
	9/1/2023		14,550	450	-	-	15,000	2031 & 2037
	10/1/2023		14,550	450	-	-	15,000	2031 & 2037
	11/1/2023	-	9,700	300	-	-	10,000	2031 & 2037
	12/1/2023		19,400	600	-	-	20,000	2025, 2031 & 2037
	1/1/2024		32,742	2,258	-	-	35,000	2026, 2031 & 2037
	2/1/2024	-	4,850	150	-	-	5,000	2037
	3/1/2024	-	24,250	750	-	-	25,000	2031 & 2037
	4/1/2024	-	4,850	150	-	-	5,000	2037
	5/1/2024	-	33,950	1,050	-	-	35,000	2025, 2031 & 2037
	6/1/2024		14,550	450	-	-	15,000	2031 & 2037
6 C			10,498,396	361,604	-	-	10,860,000	



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
		•					0004 0007 0004 0 0047
2016 E	4/1/2017				- (2021-2027, 2031 & 2047
	5/1/2017		247,953	2,047	-	250,000	2047
	6/1/2017		724,022	5,978	-	730,000	2021-2027, 2031 & 2047
	7/1/2017		1,026,813	18,187	-	1,045,000	2021-2027, 2031 & 2047
	8/1/2017		282,666	2,334	-	285,000	2047
	9/1/2017		436,398	3,602	-	440,000	2021-2027, 2031 & 2047
	10/1/2017		991,812	8,188	-	1,000,000	2021-2027, 2031 & 2047
	11/1/2017		600,046	4,954	-	605,000	2021-2027, 2031 & 2047
	12/1/2017		882,712	7,288	-	890,000	2021-2027, 2031 & 2047
	1/1/2018		921,873	18,127	-	940,000	2021-2027, 2031 & 2047
	2/1/2018	-	357,052	2,948	-	360,000	2047
	3/1/2018	-	357,052	2,948	-	360,000	2047
	4/1/2018	-	357,052	2,948	-	360,000	2047
	5/1/2018	-	570,292	4,708	-	575,000	2021-2027, 2031 & 2047
	6/1/2018	-	887,672	7,328	-	895,000	2021-2027, 2031 & 2047
	7/1/2018	-	906,867	18,133	-	925,000	2021-2027, 2031 & 2047
	8/1/2018	-	426,479	3,521	-	430,000	2047
	9/1/2018		431,438	3,562	-	435,000	2047
	10/1/2018		728,981	6,019	-	735,000	2021-2027, 2031 & 2047
	11/1/2018		1,284,396	10,604	-	1,295,000	2021-2027, 2031 & 2047
	12/1/2018		1,150,502	9,498	_	1,160,000	2021-2027, 2031 & 2047
	1/1/2019		1,383,463	21,537	_	1,405,000	2021-2027, 2031 & 2047
	2/1/2019		481,029	3,971	_	485,000	2047
	3/1/2019		485,988	4,012	_	490,000	2047
	4/1/2019		485,988	4,012	-	490,000	2047
	5/1/2019		485,988	4,012	-	490,000	2047
	6/1/2019		485,988	4,012	- -	490,000	2047
	7/1/2019		1,110,597	19,403	_	1,130,000	2021-2027, 2031 & 2047
	8/1/2019		466,152	3,848	<u>-</u>	470,000	2021-2027, 2031 & 2047
	9/1/2019		466,152				2047
				3,848	-	470,000	2021-2027, 2031 & 2047
	10/1/2019		788,491	6,509	-	795,000	
	11/1/2019		1,572,022	12,978	-	1,585,000	2021-2027, 2031 & 2047
	12/1/2019		1,859,648	15,352	-	1,875,000	2021-2027, 2031 & 2047
	1/1/2020		1,731,302	23,698	-	1,755,000	2021-2027, 2031 & 2047
	2/1/2020		431,438	3,562	-	435,000	2047
	3/1/2020		436,397	3,603	-	440,000	2047
	4/1/2020		1,140,584	9,416	-	1,150,000	2021-2027, 2031 & 2047
	5/1/2020		1,244,724	10,276	-	1,255,000	2021-2027, 2031 & 2047
	6/1/2020		436,397	3,603	-	440,000	2047
	7/1/2020		1,483,945	21,055	-	1,505,000	2021-2027, 2031 & 2047
	8/1/2020		401,684	3,316	-	405,000	2047
	9/1/2020		833,122	6,878	-	840,000	2021-2027, 2031 & 2047
	10/1/2020		4,413,564	36,436	-	4,450,000	2021-2027, 2031 & 2047
	11/1/2020		3,069,658	25,342	-	3,095,000	2021-2027, 2031 & 2047
	12/1/2020	-	3,129,167	25,833	-	3,155,000	2021-2027, 2031 & 2047
	1/1/2021	-	2,657,652	27,348	-	2,685,000	2021-2027, 2031 & 2047
	2/1/2021	-	758,736	6,264	-	765,000	2021-2027, 2031 & 2047
	3/1/2021	-	3,158,921	26,079	-	3,185,000	2021-2027, 2031 & 2047
	4/1/2021	-	2,553,916	21,084	-	2,575,000	2021-2027, 2031 & 2047
			,,	,		.,,	• 15 5



Series	Bond Call Date	Unexpended Proceeds	Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
001100	20.10 00.1 20.10		. repayments				
	5/1/2021	-	2,330,758	19,242	-	2,350,000	2021-2027, 2031 & 2047
	6/1/2021		1,943,952	16,048	-	1,960,000	2021-2027, 2031 & 2047
	7/1/2021	-	371,690	3,310	-	375,000	2047
	8/1/2021	-	337,216	2,784	-	340,000	2047
	9/1/2021	-	342,175	2,825	-	345,000	2047
	10/1/2021	-	342,175	2,825	-	345,000	2047
	11/1/2021	-	337,216	2,784	-	340,000	2047
	12/1/2021	-	342,175	2,825	-	345,000	2047
	1/1/2022	-	470,966	4,034	-	475,000	2022-2027, 2031 & 2047
	2/1/2022	-	307,462	2,538	-	310,000	2047
	3/1/2022	-	312,421	2,579	-	315,000	2047
	4/1/2022	-	307,462	2,538	-	310,000	2047
	5/1/2022	-	575,251	4,749	-	580,000	2022-2027, 2031 & 2047
	6/1/2022	-	932,303	7,697	-	940,000	2022-2027, 2031 & 2047
	7/1/2022		1,581,624	13,376	-	1,595,000	2023-2027, 2031 & 2047
	8/1/2022	-	277,707	2,293	-	280,000	2047
	9/1/2022	<u>-</u>	282,666	2,334	-	285,000	2047
	10/1/2022	-	277,707	2,293	-	280,000	2047
	11/1/2022	<u>-</u>	1,254,642	10,358	-	1,265,000	2023-2027, 2031 & 2047
	12/1/2022		421,520	3,480	-	425,000	2023-2027, 2031 & 2047
	1/1/2023	-	282,666	2,334	-	285,000	2047
	2/1/2023	-	247,953	2,047	-	250,000	2047
	3/1/2023	-	252,912	2,088	-	255,000	2047
	4/1/2023		252,912	2,088	-	255,000	2047
	5/1/2023		247,953	2,047	-	250,000	2047
	6/1/2023		252,912	2,088	-	255,000	2047
	7/1/2023		252,912	2,088	-	255,000	2047
	1/1/2024		1,324,069	10,931	-	1,335,000	2047
016 E		-	69,292,401	647,599	-	69,940,000	



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 F	7/1/2021	\$ - \$	1,848,536	\$ 16,464 \$	-	\$ 1,865,000	2041
	8/1/2021	-	1,472,841	12,159	-	1,485,000	2041
	1/1/2022	-	4,194,077	35,923		4,230,000	2041
	7/1/2022	-	3,738,383	31,617	-	3,770,000	2041
	1/1/2023	-	446,316	3,684	-	450,000	2041
	7/1/2023	-	570,292	4,708	-	575,000	2041
	1/1/2024	-	818,245	6,755	-	825,000	2041
Total 2016 F		-	13,088,690	111,310	-	13,200,000	



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2017 B	10/1/2017		\$ 211,743		- :	\$ 215,000	2047
	11/1/2017		359,470	5,530	-	365,000	2038 & 2047
	12/1/2017		172,349	2,651	-	175,000	2038 & 2047
	1/1/2018	-	141,775	3,225	-	145,000	2038 & 2047
	2/1/2018	-	285,606	4,394	-	290,000	2047
	3/1/2018	-	285,606	4,394	-	290,000	2047
	4/1/2018	-	315,152	4,848	-	320,000	2038 & 2047
	5/1/2018	-	310,227	4,773	-	315,000	2038 & 2047
	6/1/2018	-	339,773	5,227	-	345,000	2038 & 2047
	7/1/2018	-	384,183	10,817	-	395,000	2038 & 2047
	8/1/2018	-	325,000	5,000	-	330,000	2047
	9/1/2018	-	325,000	5,000	-	330,000	2047
	10/1/2018	-	393,940	6,060	-	400,000	2038 & 2047
	11/1/2018		403,788	6,212	-	410,000	2038 & 2047
	12/1/2018		403,788	6,212	-	410,000	2038 & 2047
	1/1/2019		403,262	11,738	-	415,000	2038 & 2047
	2/1/2019		423,485	6,515	-	430,000	2047
	3/1/2019		423,485	6,515	-	430,000	2047
	4/1/2019		428,410	6,590	-	435,000	2047
	5/1/2019		457,955	7,045	-	465,000	2047
	6/1/2019		453,031	6,969	_	460,000	2038 & 2047
	7/1/2019		495,646	14,354	_	510,000	2038 & 2047
	8/1/2019		453,031	6,969	_	460,000	2047
	9/1/2019		457,955	7,045	-	465,000	2047
	10/1/2019		517,046	7,954	- -	525,000	2038 & 2047
	11/1/2019						2038 & 2047
			541,668	8,332	-	550,000	2038 & 2047
	12/1/2019		556,440	8,560	-	565,000	
	1/1/2020		494,343	15,657	-	510,000	2038 & 2047
	2/1/2020		453,031	6,969	-	460,000	2047
	3/1/2020		453,031	6,969	-	460,000	2047
	4/1/2020		492,425	7,575	-	500,000	2038 & 2047
	5/1/2020		512,122	7,878	-	520,000	2038 & 2047
	6/1/2020		502,274	7,726	-	510,000	2038 & 2047
	7/1/2020		541,137	13,863	-	555,000	2038 & 2047
	8/1/2020		423,485	6,515	-	430,000	2047
	9/1/2020		443,182	6,818	-	450,000	2038 & 2047
	10/1/2020		694,319	10,681	-	705,000	2038 & 2047
	11/1/2020		689,395	10,605	-	700,000	2038 & 2047
	12/1/2020		590,910	9,090	-	600,000	2038 & 2047
	1/1/2021		672,589	12,411	-	685,000	2038 & 2047
	2/1/2021	-	398,864	6,136	-	405,000	2047
	3/1/2021	-	526,895	8,105	-	535,000	2038 & 2047
	4/1/2021	-	536,743	8,257	-	545,000	2038 & 2047
	5/1/2021	-	541,668	8,332	-	550,000	2038 & 2047
	6/1/2021	-	630,304	9,696	-	640,000	2038 & 2047
	7/1/2021	-	604,901	10,099	-	615,000	2038 & 2047
	8/1/2021	-	374,243	5,757	-	380,000	2047
	9/1/2021	-	379,167	5,833	-	385,000	2047
	10/1/2021		389,015	5,985	-	395,000	2038 & 2047
	11/1/2021		546,592	8,408	-	555,000	2038 & 2047
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			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	12/1/2021	_	448,107	6,893	_	455,000	2038 & 2047
	1/1/2021		379,167	5,833	-	385,000	2047
	2/1/2022		349,622	5,378	- -	355,000	2047
	3/1/2022		354,546	5,454	- -	360,000	2047
	4/1/2022		354,546	5,454	_	360,000	2047
	5/1/2022		349,622	5,378	_	355,000	2047
	6/1/2022		354,546	5,454	_	360,000	2047
	7/1/2022		354,546	5,454	_	360,000	2047
	8/1/2022		310,228	4,772	_	315,000	2047
	9/1/2022		315,152	4,848	_	320,000	2047
	10/1/2022		315,152	4,848	_	320,000	2047
	11/1/2022		315,152	4,848	_	320,000	2047
	12/1/2022		315,152	4,848	-	320,000	2047
	1/1/2023		315,152	4,848	-	320,000	2047
	2/1/2023		280,682	4,318	-	285,000	2047
	3/1/2023		285,606	4,394	-	290,000	2047
	4/1/2023		280,682	4,318	-	285,000	2047
	5/1/2023		285,606	4,394	-	290,000	2047
	6/1/2023		280,682	4,318	-	285,000	2047
	7/1/2023		285,606	4,394	-	290,000	2047
	1/1/2024	-	1,565,911	24,089	-	1,590,000	2047
Total 2017 B		-	30,254,914	500,086	-	30,755,000	
2017 C	1/1/2022	\$ -	\$ 1,595,457	\$ 24,543 \$	- \$	5 1,620,000	2038
	7/1/2022		3,333,717	51,283	-	3,385,000	2038
	1/1/2023		2,905,307	44,693	_	2,950,000	2038
	7/1/2023		472,728	7,272	_	480,000	2038
	1/1/2024		1,117,805	17,195	_	1,135,000	2038
Total 2017 C	,	-	9,425,014	144,986	-	9,570,000	



		F	Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2017 E	4/1/2018	\$ - \$	487,260	\$ 2,740	\$ - \$	490,000	2048
	5/1/2018	-	159,105	895	· - ·	160,000	2048
	6/1/2018	<u>-</u>	432,568	2,432	_	435,000	2034 & 2048
	7/1/2018	<u>-</u>	334,759	5,241	_	340,000	2034 & 2048
	8/1/2018	_	263,518	1,482	-	265,000	2048
	9/1/2018	_	263,518	1,482	-	265,000	2048
	10/1/2018	_	263,518	1,482	_	265,000	2048
	11/1/2018	<u>-</u>	611,561	3,439	_	615,000	2034 & 2048
	12/1/2018	_	502,177	2,823	_	505,000	2034 & 2048
	1/1/2019	_	483,092	6,908	_	490,000	2034 & 2048
	2/1/2019	_	362,959	2,041	_	365,000	2048
	3/1/2019	_	362,959	2,041	_	365,000	2048
	4/1/2019	-	427,596	2,404	_	430,000	2034 & 2048
	5/1/2019	- -	477,316	2,684	- -	480,000	2034 & 2048
	6/1/2019	- -	452,456	2,544	- -	455,000	2034 & 2048
	7/1/2019	- -	592,183	7,817	- -	600,000	2034 & 2048
	8/1/2019	- -	452,456	2,544	- -	455,000	2048
	9/1/2019	- -	457,428	2,572	- -	460,000	2048
	10/1/2019	- -	641,394	3,606	- -	645,000	2034 & 2048
	11/1/2019			5,032		900,000	2034 & 2048
	12/1/2019	-	894,968		-	750,000	2034 & 2048
		-	745,807	4,193	-		2034 & 2048
	1/1/2020	-	786,394	8,606	-	795,000	2048
	2/1/2020	-	541,953	3,047	-	545,000	2046
	3/1/2020	-	541,953	3,047	-	545,000	2046
	4/1/2020	-	541,953	3,047	-	545,000	
	5/1/2020	-	631,450	3,550	-	635,000	2034 & 2048
	6/1/2020	-	586,701	3,299	-	590,000	2034 & 2048
	7/1/2020	-	1,085,024	9,976	-	1,095,000	2034 & 2048
	8/1/2020	-	556,869	3,131	-	560,000	2048
	9/1/2020	-	691,114	3,886	-	695,000	2034 & 2048
	10/1/2020	-	2,466,134	13,866	-	2,480,000	2034 & 2048
	11/1/2020	-	1,949,042	10,958	-	1,960,000	2034 & 2048
	12/1/2020	-	1,760,104	9,896	-	1,770,000	2034 & 2048
	1/1/2021	-	1,906,981	13,019	-	1,920,000	2048
	2/1/2021	-	527,055	2,945	-	530,000	2048
	3/1/2021	-	1,158,527	6,473	-	1,165,000	2034 & 2048
	4/1/2021	-	1,914,305	10,695	-	1,925,000	2034 & 2048
	5/1/2021	-	1,123,722	6,278	-	1,130,000	2034 & 2048
	6/1/2021	-	1,680,610	9,390	-	1,690,000	2034 & 2048
	7/1/2021	-	1,838,469	11,531	-	1,850,000	2034 & 2048
	8/1/2021	-	497,222	2,778	-	500,000	2048
	9/1/2021	-	1,138,638	6,362	-	1,145,000	2034 & 2048
	10/1/2021	-	1,183,388	6,612	-	1,190,000	2034 & 2048
	11/1/2021	-	1,213,222	6,778	-	1,220,000	2034 & 2048
	12/1/2021	-	1,615,971	9,029	-	1,625,000	2034 & 2048
	1/1/2022	-	1,367,061	7,939	-	1,375,000	2034 & 2048
	2/1/2022	-	472,361	2,639	-	475,000	2048
	3/1/2022	-	860,194	4,806	-	865,000	2034 & 2048



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	4/1/2022	-	477,333	2,667	-	480,000	2048
	5/1/2022	-	472,361	2,639	-	475,000	2048
	6/1/2022	-	477,333	2,667	-	480,000	2048
	7/1/2022	-	477,333	2,667	-	480,000	2048
	8/1/2022	-	447,500	2,500	-	450,000	2048
	9/1/2022	-	447,500	2,500	-	450,000	2048
	10/1/2022	-	447,500	2,500	-	450,000	2048
	11/1/2022	-	447,500	2,500	-	450,000	2048
	12/1/2022	-	447,500	2,500	-	450,000	2048
	1/1/2023	-	452,472	2,528	-	455,000	2048
	2/1/2023	-	422,639	2,361	-	425,000	2048
	3/1/2023	-	422,639	2,361	-	425,000	2048
	4/1/2023	-	422,639	2,361	-	425,000	2048
	5/1/2023	-	422,639	2,361	-	425,000	2048
	6/1/2023	-	422,639	2,361	-	425,000	2048
	7/1/2023	-	422,639	2,361	-	425,000	2048
	1/1/2024	-	2,381,694	13,306	-	2,395,000	2048
Total 2017 E		-	49,816,875	303,125	-	50,120,000	



		1	Revenues (including					
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Tot	al Bonds Called	Maturity Date(s) of Bond(s) Called
2017 F	1/1/2023	\$ - \$			-	\$	6,820,000	2041
	7/1/2023	-	1,213,221	6,779	-		1,220,000	2041
	1/1/2024	<u>-</u>	94,472	528	-		95,000	2041
Total 2017 F		-	8,089,801	45,199	-		8,135,000	
_								
2018 B	10/1/2018	\$ - \$			-	\$	260,000	2048
	11/1/2018	-	333,518	1,482	-		335,000	2023-2024, 2033, 2037 & 2048
	12/1/2018	-	358,408	1,592	-		360,000	2019-2020, 2033, 2037 & 2048
	1/1/2019	-	326,228	3,772	-		330,000	2023-2024, 2033, 2037 & 2048
	2/1/2019	-	134,403	597	-		135,000	2033, 2037 & 2048
	3/1/2019	-	413,164	1,836	-		415,000	2021, 2023-2024, 2033, 2037 & 2048
	4/1/2019	-	418,142	1,858	-		420,000	2022-2024, 2033, 2037 & 2048
	5/1/2019	-	338,496	1,504	-		340,000	2023-2024, 2033, 2037 & 2048
	6/1/2019	-	353,430	1,570	-		355,000	2022-2024, 2033, 2037 & 2048
	7/1/2019	-	410,491	4,509	-		415,000	2023-2024, 2033, 2037 & 2048
	8/1/2019	-	134,403	597	-		135,000	2048
	9/1/2019	-	358,407	1,593	-		360,000	2023-2024, 2033, 2037 & 2048
	10/1/2019	-	706,859	3,141	-		710,000	2020-2024, 2033, 2037 & 2048
	11/1/2019	-	632,191	2,809	-		635,000	2020, 2022-2024, 2033, 2037 & 2048
	12/1/2019	-	746,682	3,318	-		750,000	2021-2024, 2033, 2037 & 2048
	1/1/2020	-	540,188	4,812	-		545,000	2020, 2023-2024, 2033, 2037 & 2048
	2/1/2020	-	194,137	863	-		195,000	2024, 2033, 2037 & 2048
	3/1/2020	-	592,368	2,632	-		595,000	2021-2024, 2037 & 2048
	4/1/2020	-	831,306	3,694	-		835,000	2020-2024, 2033, 2037 & 2048
	5/1/2020	-	851,218	3,782	-		855,000	2020-2024, 2033, 2037 & 2048
	6/1/2020	-	149,336	664	-		150,000	2048
	7/1/2020	-	988,692		-		995,000	2021-2024, 2033, 2037 & 2048
	8/1/2020	-	443,032	1,968	-		445,000	2023-2024, 2033, 2037 & 2048
	9/1/2020	-	886,063	3,937	-		890,000	2021-2024, 2033, 2037 & 2048
	10/1/2020	-	2,528,764	11,236	-		2,540,000	2021-2024, 2033, 2037 & 2048
	11/1/2020	-	1,120,024	4,976	-		1,125,000	2021-2024, 2033, 2037 & 2048
	12/1/2020	-	1,234,515	5,485	-		1,240,000	2021-2024, 2033, 2037 & 2048
	1/1/2021	-	1,486,994	8,006	-		1,495,000	2021-2024, 2033, 2037 & 2048
	2/1/2021	-	1,438,608	6,392	-		1,445,000	2021-2024, 2033, 2037 & 2048
	3/1/2021	-	1,468,475	6,525	-		1,475,000	2021-2024, 2033, 2037 & 2048
	4/1/2021	-	1,214,603	5,397	-		1,220,000	2021-2024, 2033, 2037 & 2048
	5/1/2021	-	1,169,802	5,198	-		1,175,000	2021-2024, 2033, 2037 & 2048
	6/1/2021	-	388,275	1,725	-		390,000	2024, 2033, 2037 & 2048
	7/1/2021	-	193,775	1,225	-		195,000	2048
	8/1/2021	-	184,182	818	-		185,000	2048
	9/1/2021	-	189,160	840	-		190,000	2048
	10/1/2021	-	189,160	840	-		190,000	2048
	11/1/2021	-	184,182	818	-		185,000	2048
	12/1/2021	-	189,160	840	-		190,000	2048
	1/1/2022	-	189,089	911	-		190,000	2048
	2/1/2022	-	174,226	774	-		175,000	2048
	3/1/2022	-	179,204	796	-		180,000	2048
	4/1/2022	-	179,204	796	-		180,000	2048
	5/1/2022	-	179,204	796	-		180,000	2048



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	6/1/2022	-	179,204	796	-	180,000	2048
	7/1/2022	-	179,204	796	-	180,000	2048
	8/1/2022	-	174,226	774	-	175,000	2048
	9/1/2022	-	174,226	774	-	175,000	2048
	10/1/2022	-	179,204	796	-	180,000	2048
	11/1/2022	-	174,226	774	-	175,000	2048
	12/1/2022	-	174,226	774	-	175,000	2048
	1/1/2023	-	179,204	796	-	180,000	2048
	2/1/2023	-	298,673	1,327	-	300,000	2048
	3/1/2023	-	298,673	1,327	-	300,000	2048
	4/1/2023	-	298,673	1,327	-	300,000	2048
	5/1/2023	-	298,673	1,327	-	300,000	2048
	6/1/2023	-	298,673	1,327	-	300,000	2048
	7/1/2023	-	303,651	1,349	-	305,000	2048
	1/1/2024	-	2,414,273	10,727	-	2,425,000	2048
	2/1/2024	-	781,528	3,472	-	785,000	2048
	3/1/2024	-	243,916	1,084	-	245,000	2048
	4/1/2024	-	233,960	1,040	-	235,000	2048
Total 2018 B		-	32,365,031	154,969	-	32,520,000	



			Revenues (including					
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bon	ds Called	Maturity Date(s) of Bond(s) Called
2040 D	7/4/2024	Φ	524.040	ф 2.200 ф		ф.	F2F 000	2045
2018 D	7/1/2021				-	Ф	535,000	2045 2045
	7/1/2022		8,218,484	36,516	-		8,255,000	
	1/1/2023		5,445,803	24,197	-		5,470,000	2045
T-1-1 0040 D	7/1/2023		1,110,068	4,932	-		1,115,000	2045
Total 2018 D		-	15,305,995	69,005	-		15,375,000	
2018 E	5/1/2019	\$ - 9	280,000	\$ - \$	-	\$	280,000	2027-2030, 2033 & 2049
	7/1/2019		155,000	· -	-	•	155,000	2027-2030, 2033 & 2049
	8/1/2019		260,000	-	_		260,000	2049
	9/1/2019		260,000	-	-		260,000	2049
	10/1/2019		260,000	-	_		260,000	2049
	11/1/2019		260,000	_	_		260,000	2049
	12/1/2019		660,000	_	_		660,000	2026-2030, 2033 & 2049
	1/1/2020		560,000	_	_		560,000	2026-2030, 2033 & 2049
	2/1/2020		395,000	_	-		395,000	2049
	3/1/2020		395,000	_	-		395,000	2049
	4/1/2020		990,000	•			990,000	2026-2030, 2033 & 2049
		-		-	-			
	5/1/2020		995,000	-	-		995,000	2026-2030, 2033 & 2049
	6/1/2020		1,185,000	-	-		1,185,000	2026-2030, 2033 & 2049
	7/1/2020		1,565,000	-	-		1,565,000	2026-2030, 2033 & 2049
	8/1/2020		520,000	-	-		520,000	2049
	9/1/2020		1,050,000	-	-		1,050,000	2026-2030, 2033 & 2049
	10/1/2020		2,880,000	-	-		2,880,000	2026-2030, 2033 & 2049
	11/1/2020	-	2,650,000	-	-		2,650,000	2026-2030, 2033 & 2049
	12/1/2020	-	2,200,000	-	-		2,200,000	2026-2030, 2033 & 2049
	1/1/2021	-	3,340,000	-	-		3,340,000	2026-2030, 2033 & 2049
	2/1/2021	-	615,000	-	-		615,000	2049
	3/1/2021	-	3,065,000	-	-		3,065,000	2026-2030, 2033 & 2049
	4/1/2021	-	2,005,000	-	-		2,005,000	2026-2030, 2033 & 2049
	5/1/2021	-	615,000	-	-		615,000	2049
	6/1/2021	-	615,000	-	-		615,000	2049
	7/1/2021	-	615,000	-	-		615,000	2049
	8/1/2021	-	610,000	-	-		610,000	2049
	9/1/2021	-	610,000	-	-		610,000	2049
	10/1/2021	-	615,000	-	-		615,000	2049
	11/1/2021	-	610,000	-	-		610,000	2049
	12/1/2021	-	610,000	-	-		610,000	2049
	1/1/2022	-	615,000	-	-		615,000	2049
	2/1/2022		580,000	-	_		580,000	2049
	3/1/2022		580,000	-	_		580,000	2049
	4/1/2022		580,000	_	-		580,000	2049
	5/1/2022		580,000	_	_		580,000	2049
	6/1/2022		580,000	_	-		580,000	2049
	7/1/2022		580,000	_	- -		580,000	2049
	8/1/2022		550,000	-	-		550,000	2049
				-				2049
	9/1/2022		550,000	-	-		550,000	
	10/1/2022		550,000	-	-		550,000	2049
	11/1/2022		550,000	-	-		550,000	2049
	12/1/2022		550,000	-	-		550,000	2049
	1/1/2023	-	550,000	-	-		550,000	2049



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	2/1/2023	-	515,000	-	-	515,000	2049
	3/1/2023	-	180,000	-	-	180,000	2049
	4/1/2023	-	170,000	-	-	170,000	2049
	5/1/2023	-	440,000	-	-	440,000	2049
	6/1/2023	-	100,000	-	-	100,000	2049
	7/1/2023	-	410,000	-	-	410,000	2049
	8/1/2023	-	315,000	-	-	315,000	2049
	9/1/2023	-	100,000	-	-	100.000	2049
	10/1/2023	-	745,000	-	-	745.000	2049
	11/1/2023	-	140,000	-	-	140,000	2049
	1/1/2024	-	1,545,000	-	-	4 5 45 000	2049
	2/1/2024	-	735,000	-	-	705.000	2049
	3/1/2024	-	285,000	-	-	005.000	2049
	4/1/2024		375,000	-	-	075 000	2049
Total 2018 E		-	44,895,000	-	_	44.005.000	



Series	Bond Call Date	Unexpended Proceeds	Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2018 G	5/1/2019	\$ -	\$ 85,000	\$ - \$	- (\$ 85,000	2028-2029, 2033, 2038 & 2049
	7/1/2019		105,000	-	-	105,000	2028-2029, 2033, 2038 & 2049
	8/1/2019		10,000	-	-	10,000	2029
	9/1/2019		80,000	-	-	80,000	2028-2029, 2033, 2038 & 2049
	10/1/2019		10,000	-	-	10,000	2029 & 2049
	11/1/2019	-	85,000	-	-	85,000	2028-2029, 2033, 2038 & 2049
	12/1/2019	-	260,000	-	-	260,000	2025-2029, 2033, 2038 & 2049
	1/1/2020	-	185,000	-	-	185,000	2026-2029, 2033, 2038 & 2049
	2/1/2020	-	380,000	-	-	380,000	2023-2029, 2033, 2038 & 2049
	3/1/2020		350,000	-	-	350,000	2023-2029, 2033, 2038 & 2049
	4/1/2020	-	330,000	-	-	330,000	2023-2029, 2038 & 2049
	5/1/2020	-	220,000	-	-	220,000	2026-2029, 2033, 2038 & 2049
	6/1/2020	-	455,000	-	-	455,000	2021-2029, 2033, 2038 & 2049
	7/1/2020	-	615,000	-	-	615,000	2021-2029, 2033, 2038 & 2049
	8/1/2020	-	590,000	-	-	590,000	2021-2029, 2033, 2038 & 2049
	9/1/2020	-	655,000	-	-	655,000	2021-2029, 2033, 2038 & 2049
	10/1/2020	-	1,215,000	-	-	1,215,000	2021-2029, 2033, 2038 & 2049
	11/1/2020	-	990,000	-	-	990,000	2021-2029, 2033, 2038 & 2049
	12/1/2020	-	750,000	-	-	750,000	2021-2029, 2033, 2038 & 2049
	1/1/2021	-	995,000	-	-	995,000	2021-2029, 2033, 2038 & 2049
	2/1/2021	-	1,055,000	-	-	1,055,000	2021-2029, 2033, 2038 & 2049
	3/1/2021	-	915,000	-	-	915,000	2021-2029, 2033, 2038 & 2049
	4/1/2021	-	775,000	-	-	775,000	2021-2029, 2033, 2038 & 2049
	5/1/2021	-	830,000	-	-	830,000	2021-2029, 2033, 2038 & 2049
	6/1/2021	-	570,000	-	-	570,000	2021-2029, 2033, 2038 & 2049
	7/1/2021	-	860,000	-	-	860,000	2022-2029, 2033, 2038 & 2049
	8/1/2021	-	8,870,000	-	-	8,870,000	2022-2029, 2033, 2038 & 2049
	9/1/2021	-	2,785,000	-	-	2,785,000	2022-2029, 2033, 2038 & 2049
	10/1/2021	-	2,135,000	-	-	2,135,000	2022-2029, 2033, 2038 & 2049
	11/1/2021	-	2,215,000	-	-	2,215,000	2022-2029, 2033, 2038 & 2049
	12/1/2021	-	705,000	-	-	705,000	2022-2029, 2033, 2038 & 2049
	1/1/2022	-	545,000	-	-	545,000	2022-2029, 2033, 2038 & 2049
	2/1/2022	-	540,000	-	-	540,000	2022-2029, 2033, 2038 & 2049
	3/1/2022	-	700,000	-	-	700,000	2022-2029, 2033, 2038 & 2049
	4/1/2022	-	355,000	-	-	355,000	2022-2027, 2033, 2038 & 2049
	5/1/2022	-	435,000	-	-	435,000	2022-2029, 2033, 2038 & 2049
	1/1/2023	-	250,000	-	-	250,000	2023, 2027-2029, 2033, 2038 & 2049
	2/1/2023	-	225,000	-	-	225,000	2024-2027, 2033, 2038 & 2049
	3/1/2023		45,000	-	-	45,000	2028, 2033, 2038 & 2049
	4/1/2023		25,000	-	-	25,000	2028, 2038 & 2049
Total 2018 G		-	33,200,000	-	-	33,200,000	
2018 H	7/1/2022	-	5,555,000	-	-	5,555,000	2041
	1/1/2023		625,000	<u>-</u>	-	625,000	2041
Total 2018 H	17 17 2020	-	6,180,000	-	-	6,180,000	



Series Excess
Revenues (including

			Revenues (including					
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called	
2019 B	7/4/2040	Φ	Φ 405.000	ф ф		¢ 405,000	2049	
2019 B	7/1/2019 8/1/2019		\$ 165,000 238,815		-	\$ 165,000 240,000	2049	
				1,185	-		2049	
	9/1/2019		238,815	1,185	-	240,000		
	10/1/2019		681,618	3,382	-	685,000	2020-2031, 2033 & 2049	
	11/1/2019		955,259	4,741	-	960,000	2020-2031, 2033 & 2049	
	12/1/2019		1,273,679	6,321	-	1,280,000	2020-2031, 2033 & 2049	
	1/1/2020		1,299,490	15,510	-	1,315,000	2020-2031, 2033 & 2049	
	2/1/2020		373,148	1,852	-	375,000	2049	
	3/1/2020		567,185	2,815	-	570,000	2021-2031, 2033 & 2049	
	4/1/2020		1,388,112	6,888	-	1,395,000	2021-2031 & 2049	
	5/1/2020		2,199,087	10,913	-	2,210,000	2021-2031, 2033 & 2049	
	6/1/2020		1,179,148	5,852	-	1,185,000	2021-2031, 2033 & 2049	
	7/1/2020	-	1,678,781	16,219	-	1,695,000	2021-2031, 2033 & 2049	
	8/1/2020	-	497,531	2,469	-	500,000	2049	
	9/1/2020	-	1,348,309	6,691	-	1,355,000	2021-2031, 2033 & 2049	
	10/1/2020	-	5,915,644	29,356	-	5,945,000	2021-2031, 2033 & 2049	
	11/1/2020	-	4,383,248	21,752	-	4,405,000	2021-2031, 2033 & 2049	
	12/1/2020	-	3,423,013	16,987	-	3,440,000	2021-2031, 2033 & 2049	
	1/1/2021	-	2,765,918	19,082	-	2,785,000	2022-2031, 2033 & 2049	
	2/1/2021	-	606,988	3,012	_	610,000	2049	
	3/1/2021	-	2,626,964	13,036	_	2,640,000	2022-2031, 2033 & 2049	
	4/1/2021	-	3,885,717	19,283	_	3,905,000	2022-2031, 2033 & 2049	
	5/1/2021	-	3,696,656	18,344	_	3,715,000	2022-2031, 2033 & 2049	
	6/1/2021	- -	4,557,384	22,616	- -	4,580,000	2022-2031, 2033 & 2049	
	7/1/2021	- -	2,948,006	16,994	- -	2,965,000	2022-2031, 2033 & 2049	
			711,469	3,531			2049	
	8/1/2021	-			-	715,000	2049	
	9/1/2021	-	716,445	3,555	-	720,000		
	10/1/2021	-	716,445	3,555	-	720,000	2049	
	11/1/2021	-	711,469	3,531	-	715,000	2049	
	12/1/2021	-	716,445	3,555	-	720,000	2049	
	1/1/2022		716,191	3,809	-	720,000	2049	
	2/1/2022		726,395	3,605	-	730,000	2049	
	3/1/2022		731,371	3,629	-	735,000	2049	
	4/1/2022		726,395	3,605	-	730,000	2049	
	5/1/2022		731,370	3,630	-	735,000	2049	
	6/1/2022	-	726,395	3,605	-	730,000	2049	
	7/1/2022	-	731,341	3,659	-	735,000	2049	
	8/1/2022	-	686,593	3,407	-	690,000	2049	
	9/1/2022	-	686,593	3,407	-	690,000	2049	
	10/1/2022	-	686,593	3,407	-	690,000	2049	
	11/1/2022	-	686,593	3,407	-	690,000	2049	
	12/1/2022		686,593	3,407	-	690,000	2049	
	1/1/2023		691,550	3,450	-	695,000	2049	
	2/1/2023		562,210	2,790	_	565,000	2049	
	3/1/2023		457,729	2,271	_	460,000	2049	
	4/1/2023		323,395	1,605	_	325,000	2049	
	5/1/2023		323,395	1,605	<u>-</u>	325,000	2049	
	6/1/2023		522,408	2,592	-	525,000	2049	
							2049	
	7/1/2023		577,087	2,913	-	580,000		
	8/1/2023	-	621,914	3,086	-	625,000	2049	



Series	9/1/2023 10/1/2023	Unexpended Proceeds	Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
<u> </u>	9/1/2023	- Спохронава і тобовав	1 repayments)	TOOCI VO EXOCOS	Otilio.	rotal Bollas Gallea	maturity bato(o) or boria(o) banca
							· · · · · · · · · · · · · · · · · · ·
		-	79,605	395	<u>-</u>	80,000	2049
	10/1/20/3	-	412,951	2,049	_	415,000	2049
	1/1/2024	-	2,199,013	10,987	_	2,210,000	2049
	2/1/2024	-	597,037	2,963	_	600,000	2049
	4/1/2024	-	602,013	2,987	_	605,000	2049
	5/1/2024	_	248,765	1,235	_	250,000	2049
Total 2019 B	0,1,2021	-	69,207,283	367,717	-	69,575,000	20.0
2019 C	8/1/2019	\$ -	\$ 114,432	\$ 568 \$	- \$	115,000	2049
2013 0	9/1/2019	ψ - -	79,605	395	- 1	80,000	2024-2028, 2034 & 2042
	11/1/2019		49,753	247	- -	50,000	2026-2028, 2034 & 2042
	12/1/2019		218,914	1,086	- -	220,000	2020-2029, 2034 & 2042
	1/1/2020	- -	44,469	531	- -	45,000	2026-2028, 2034 & 2042
	2/1/2020	- -	139,309	691		140,000	2020-2020, 2004 & 2042
	3/1/2020		134,333		-	135,000	2021-2028, 2034 & 2042
	5/1/2020	-	169,161	667	-		2020-2029, 2034 & 2042
	6/1/2020	-	268,667	839	-	170,000	2020-2029, 2034 & 2042
	7/1/2020			1,333 2,488		270,000	2020-2029, 2034 & 2042
		-	257,512		-	260,000	2021-2029, 2034 & 2042
	8/1/2020 9/1/2020	-	492,556	2,444	-	495,000	
		-	766,198	3,802	-	770,000	2021-2029, 2034 & 2042
	10/1/2020	-	2,139,383	10,617	-	2,150,000	2021-2029, 2034 & 2042
	11/1/2020	-	1,308,506	6,494	-	1,315,000	2021-2029, 2034 & 2042
	12/1/2020	-	781,124	3,876	-	785,000	2021-2029, 2034 & 2042
	1/1/2021	-	451,882	3,118	-	455,000	2021-2029, 2034 & 2042
	2/1/2021	-	835,852	4,148	-	840,000	2021-2029, 2034 & 2042
	3/1/2021	-	532,358	2,642	-	535,000	2021-2029, 2034 & 2042
	4/1/2021	-	1,174,173	5,827	-	1,180,000	2021-2029, 2034 & 2042
	5/1/2021	-	855,753	4,247	-	860,000	2021-2029, 2034 & 2042
	6/1/2021	-	1,164,223	5,777	-	1,170,000	2021-2029, 2034 & 2042
	7/1/2021	-	760,615	4,385	-	765,000	2022-2029, 2034 & 2042
	8/1/2021	-	865,704	4,296	-	870,000	2022-2029, 2034 & 2042
	9/1/2021	-	2,985,185	14,815	-	3,000,000	2022-2029, 2034 & 2042
	10/1/2021	-	3,214,050	15,950	-	3,230,000	2022-2029, 2034 & 2042
	11/1/2021	-	2,094,606	10,394	-	2,105,000	2022-2029, 2034 & 2042
	12/1/2021	-	3,517,544	17,456	-	3,535,000	2022-2029, 2034 & 2042
	1/1/2022	-	2,984,131	15,869	-	3,000,000	2022-2029, 2034 & 2042
	2/1/2022	-	477,630	2,370	-	480,000	2022-2029, 2034 & 2042
	3/1/2022	-	1,204,025	5,975	-	1,210,000	2022-2029, 2034 & 2042
	4/1/2022	-	2,502,581	12,419	-	2,515,000	2022-2029, 2034 & 2042
	5/1/2022	-	318,420	1,580	-	320,000	2022-2029, 2034 & 2042
	1/1/2023	-	218,908	1,092	-	220,000	2024-2027, 2034 & 2042
	2/1/2023	-	59,704	296	-	60,000	2024-2027, 2034 & 2042
	3/1/2023	-	129,358	642	-	130,000	2023-2029, 2034 & 2042
	4/1/2023	-	44,778	222	-	45,000	2023, 2027-2028, 2034 & 2042
Total 2019 C		-	33,355,402	169,598	-	33,525,000	



			Revenues (including						
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserv	ve Excess	Other	To	otal Bonds Called	Maturity Date(s) of Bond(s) Called
2019 D	7/1/2021			\$	3,382 \$		- \$	590,000	2042
	8/1/2021		348,272		1,728		-	350,000	2042
	10/1/2021		39,802		198		-	40,000	2042
	6/1/2022		3,840,940		19,060		-	3,860,000	2042
	7/1/2022		2,890,537		14,463		-	2,905,000	2042
	1/1/2023		4,806,025		23,975		-	4,830,000	2042
Total 2019 D		-	12,512,194		62,806		-	12,575,000	
2019 E	5/1/2020	\$ -	\$ 135,000	\$	- \$		- \$	135,000	2020-2025
2010 2	6/1/2020		55,000	Ψ	- -		- Ψ	55,000	2021 & 2025
	7/1/2020		10,000		_		_	10,000	2021 & 2025
	9/1/2020		80,000		_		_	80,000	2021-2025
	10/1/2020		1,035,000		_		_	1,035,000	2021-2025
	11/1/2020		580,000		_		_	580,000	2021-2025
	12/1/2020		425,000		_		_	425,000	2021-2025
	1/1/2021		280,000		_		_	280,000	2021-2025
	2/1/2021		30,000		_		_	30,000	2022-2025
	3/1/2021		325,000		_		_	325,000	2021-2025
	4/1/2021		250,000		_		_	250,000	2021-2025
	5/1/2021		220,000		_		_	220,000	2021-2025
	6/1/201		300,000		_		_	300,000	2021-2025
	7/1/2021		310,000		_		_	310,000	2022-2025
	8/1/2021		145,000		_		_	145,000	2022-2025
	10/1/2021		250,000		_		_	250,000	2022-2025
	11/1/2021		235,000		_		-	235,000	2022-2025
	12/1/2021		210,000		_		-	210,000	2022-2025
	1/1/2022		260,000		_		-	260,000	2022-2025
	3/1/2022		100,000		_		-	100,000	2022-2025
	4/1/2022		290,000		_		-	290,000	2022-2025
	5/1/2022		160,000		-		-	160,000	2022-2025
	6/1/2022		30,000		_		-	30,000	2022-2025
	7/1/2022		170,000		-		-	170,000	2023-2025
Total 2019 E	1/1/2022								2023-2023
IUTAI ZUIS E		-	5,885,000		-		-	5,885,000	



				Revenues (including				
51/10/200	Series	Bond Call Date		` _	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
51/10/200								
61/2020	2019 F		\$ - \$		\$ - \$	- ;		
771/2020			-		-	-		
841/2020			-		-	-		
917-12020			-		-	-		
16/7/2021			-		-	-		
11/1/2020 - 3.355,000 - 3.355,000 - 225-2032_2314_2338_2014 & 2350 - 1/21/2220 - 2.55,000 - 2.55,000 - 2.55,000 - 2.55,000 - 2025-2032_2034_2038_2014 & 2750 - 2.55,000 - 2.55,0			-		-	-		
121/12/2020			-		-	-		
14/2026 1,860,000 1,860,000 2025-2032, 2034, 2036, 2044 & 2050 24/2026 24/5,000 24/5,000 2025-2032, 2034, 2034, 2044 & 2050 24/2026 1,785,000 2025-2032, 2034, 2039, 2044 & 2050 24/2026 1,785,000 1,785,000 2025-2032, 2034, 2039, 2044 & 2050 24/2026 1,785,000 2025-2032, 2034, 2039, 2044 & 2050 24/2026 2,770,000 2,000,0			-		-	-		
201/2021			-		-	-		· · · · · ·
\$41,0221		1/1/2021	-	1,850,000	-	-	1,850,000	2025-2032, 2034, 2039,2044 & 2050
41/2021 1,785,000 1,1785,000 2025-2032, 2014, 2039, 2014 & 2059 51/2021 1,575,000 2025-2032, 2014, 2039, 2014 & 2059 61/2021 2,070,000 2,070,000 2025-2032, 2014, 2039, 2014 & 2059 71/2021 2,375,000 2025-2032, 2014, 2039, 2014 & 2059 81/2021 335,000 235,000 2025-2032, 2014, 2039, 2014 & 2059 81/2021 1,350,000 2025-2032, 2014, 2039, 2014 & 2059 11/2021 2,070,000 1,350,000 2025-2032, 2014, 2039, 2014 & 2059 11/2021 1,965,000 2,070,000 2025-2032, 2014, 2039, 2014 & 2059 11/2021 1,775,000 1,775,000 2025-2032, 2014, 2039, 2014 & 2059 11/2022 2,435,000 2,245,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,435,000 2,245,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2032 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022 2,775,000 2025-2032, 2014, 2039, 2014 & 2059 21/2022		2/1/2021	-	435,000	-	-	435,000	2027-2032, 2034, 2039, 2044 & 2050
51/10/201 1,575,000 1,575,000 2025-2032, 2004, 2003, 2044, 2059 61/10/201 2,0770,000 2,275,000 2025-2032, 2004, 2003, 2044 & 2059 71/10/201 3,35,000 2,375,000 2025-2032, 2004, 2003, 2044 & 2059 81/10/201 1,350,000 1,350,000 2025-2032, 2004, 2003, 2044 & 2059 101/10/201 1,050,000 1,550,000 2025-2032, 2004, 2003, 2044 & 2059 111/10/201 1,965,000 1,665,000 2025-2032, 2004, 2003, 2044 & 2059 121/10/201 1,965,000 1,665,000 2025-2032, 2004, 2003, 2044 & 2059 11/10/202 2,445,000 2,455,000 2,455,000 2025-2032, 2004, 2003, 2044 & 2059 21/10/202 420,000 1,244,000 1,244,000 2025-2032, 2004, 2003, 2044 & 2059 41/10/202 1,760,000 1,700,000 2025-2032, 2004, 2003, 2044 & 2059 51/10/202 1,760,000 1,700,000 2025-2032, 2004, 2003, 2044 & 2059 61/10/202 450,000 2,715,000 2025-2032, 2004, 2003, 2044 & 2059 61/10/202 450,000 1,700,000 2025-2032, 2004, 2003, 2044 & 2059 <		3/1/2021	-	2,240,000	-	-	2,240,000	2025-2032, 2034, 2039, 2044 & 2050
61/2021		4/1/2021	-	1,785,000	-	-	1,785,000	2025-2032, 2034, 2039, 2044 & 2050
7/1/2021		5/1/2021	-	1,575,000	-	-	1,575,000	2025-2032, 2034, 2039, 2044 & 2050
8/1/2021		6/1/2021	-	2,070,000	-	-	2,070,000	2025-2032, 2034, 2039, 2044 & 2050
9/1/2021 - 1,350,000 - 1,350,000 2025-032, 2034, 2039, 2044 & 2050 101/1/2021 - 2,070,000 - 2,070,000 2025-032, 2034, 2039, 2044 & 2050 11/1/2021 - 1,965,000 - 1,195,000 2025-032, 2034, 2039, 2044 & 2050 12/1/2022 - 2,435,000 - 2,435,000 2025-032, 2034, 2039, 2044 & 2050 21/1/2022 - 420,000 - 420,000 2025-032, 2034, 2039, 2044 & 2050 21/1/2022 - 420,000 - 1,245,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,240,000 - 1,245,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,700,000 - 1,700,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,700,000 - 1,700,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,700,000 - 1,700,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,700,000 - 1,700,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,700,000 - 2,715,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,700,000 - 2,715,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,700,000 - 2,715,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,700,000 - 2,700,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,700,000 - 2,700,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,700,000 - 1,700,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,700,000 - 1,700,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,700,000 - 1,700,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,700,000 - 1,700,000 2025-2032, 2034, 2039, 2044 & 2050 21/1/2022 - 1,700,000 - 1,700,000 2025-2032, 2034, 2039, 2044 & 2050 2050 2050 2050 2050 2050 2050 20		7/1/2021	-	2,375,000	-	-	2,375,000	2025-2032, 2034, 2039, 2044 & 2050
9/1/2021		8/1/2021	-	335,000	-	-	335,000	2050
101/2021 - 2,070,000 - 2,070,000 205-2032, 2034, 2038, 2034 & 2050 11/1/2021 - 1,955,000 - 1,955,000 205-2032, 2034, 2038, 2034 & 2050 12/1/2021 - 1,775,000 - 1,775,000 205-2032, 2034, 2038, 2034 & 2050 21/1/2022 - 2,435,000 - 2,435,000 205-2032, 2034, 2038, 2034 & 2050 21/1/2022 - 1,240,000 - 1,240,000 205-2032, 2034, 2038, 2044 & 2050 21/1/2022 - 1,240,000 - 2,775,000 205-2032, 2034, 2038, 2044 & 2050 41/1/2022 - 1,770,000 - 2,775,000 205-2032, 2034, 2038, 2044 & 2050 41/1/2022 - 1,770,000 - 1,770,000 205-2032, 2034, 2038, 2044 & 2050 61/1/2022 - 1,770,000 - 1,770,000 205-2032, 2034, 2038, 2044 & 2050 61/1/2022 - 1,770,000 - 1,770,000 205-2032, 2034, 2038, 2044 & 2050 61/1/2022 - 1,770,000 - 1,770,000 205-2032, 2034, 2038, 2044 & 2050 61/1/2022 - 1,770,000 - 2,271,5,000 205-2032, 2034, 2038, 2044 & 2050 61/1/2022 - 1,770,000 - 2,271,5,000 205-2032, 2034, 2038, 2044 & 2050 61/1/2022 - 1,770,000 - 2,271,5,000 205-2032, 2034, 2038, 2044 & 2050 61/1/2022 - 1,770,000 - 2,271,5,000 205-2032, 2034, 2038, 2044 & 2050 61/1/2022 - 1,770,000 - 2,271,5,000 205-2032, 2034, 2038, 2044 & 2050 61/1/2022 - 1,770,000 - 2,271,5,000 205-2032, 2034, 2038, 2044 & 2050 61/1/2022 - 1,770,000 - 2,271,5,000 205-2032, 2034, 2038, 2044 & 2050 61/1/2022 - 1,770,000 - 1,770,000 205-2032, 2034, 2038, 2044 & 2050 61/1/2023 - 1,770,000 - 1,770,000 2050 61/1/2023 - 1,770,000 - 1,770,000 2050 61/1/2023 - 1,770,000 - 1,770,000 2050 61/1/2023 - 1,770,000 - 1,770,000 2050 61/1/2023 - 1,770,000 - 1,770,000 2050 61/1/2023 - 1,770,000 - 1,770,000 2050 61/1/2023 - 1,770,000 - 1,770,000 2050 61/1/2023 - 1,770,000 - 1,770,000 2050 61/1/2023 - 1,770,000 - 1,770,000 2050 61/1/2023 - 1,770,000 - 1,770,000 2050 61/1/2023 - 1,770,000 - 1,770,000 2050 61/1/2023 - 1,770,000 - 1,770,000 2050 61/1/2024 - 1,770,000 - 1,770,000 2050 61/1/2024 - 1,770,000 - 1,770,000 2050 61/1/2024 - 1,770,000 - 1,770,000 2050 61/1/2024 - 1,770,000 - 1,770,000 2050 61/1/2024 - 1,770,000 - 1,770,000 2050 61/1/2024 - 1,770,000 - 1,770,000 2050 61/1/2024 - 1,770,000 - 1,770,000 2050		9/1/2021	-		-	-	1,350,000	2025-2032, 2034, 2039, 2044 & 2050
111/12021			-		-	-		2025-2032, 2034, 2039, 2044 & 2050
121/12/221			-		-	-		2025-2032, 2034, 2039, 2044 & 2050
1/1/20/22			-		-	-		
2/1/2022 420.000 - 420.000 2050 3/1/2022 1,240.000 - 1,240.000 2025-2032, 2034, 2039, 2044 & 2050 4/1/2022 2,715.000 - 2,715.000 2025-2032, 2034, 2039, 2044 & 2050 5/1/2022 665.000 - 665.000 2025-2032, 2034, 2039, 2044 & 2050 6/1/2022 2,665.000 - 665.000 2025-2032, 2034, 2039, 2044 & 2050 7/1/2022 2,010.000 - 2,010.000 2025-2032, 2034, 2039, 2044 & 2050 8/1/2022 430.000 - 430.000 2025-2032, 2034, 2039, 2044 & 2050 9/1/2022 430.000 - 430.000 2050 10/1/2022 430.000 - 430.000 2050 11/1/2022 430.000 - 430.000 2050 11/1/2022 430.000 - 430.000 2050 11/1/2022 430.000 - 430.000 2050 11/1/2023 - 455.000 430.000 2050 1/1/2023 - 465.000 - 170.000 2050 4/1/2023 -			-		-	-		
1,240,000 - 1,240,000 2025-2032, 2034, 2039, 2044 & 2050			-		-	_		
41/2022			-		-	_		
51/2022 - 1,700,000 - - 1,700,000 2025-2032, 2034, 2039, 2044 & 2050 66/1/2022 - 665,000 - - 2,010,000 2025-2032, 2034, 2039, 2044 & 2050 81/2022 - 430,000 - - 430,000 2050 81/2022 - 430,000 - - 430,000 2050 10/1/2022 - 430,000 - - 430,000 2050 11/1/2022 - 430,000 - - 430,000 2050 11/1/2022 - 430,000 - - 430,000 2050 11/1/2023 - 430,000 - - 430,000 2050 11/1/2023 - 430,000 - - 430,000 2050 2/1/2023 - 170,000 - - 430,000 2050 4/1/2023 - 170,000 - - 170,000 2050 5/1/2023 - 125,000 - - 170,000 2050 8/1/2023 -<			-		_	_		
6/1/2022 - 665,000 - 656,000 - 2025-2032, 2034, 2034, 2034, 2034, 2044 & 2050 7/1/2022 - 430,000 - 2,010,000 - 2050 8/1/2022 - 430,000 - 430,000 - 2050 9/1/2022 - 430,000 - 430,000 - 2050 10/1/2022 - 430,000 - 435,000 - 2050 11/1/2022 - 430,000 - 435,000 - 2050 11/1/2022 - 430,000 - 435,000 - 2050 11/1/2022 - 430,000 - 430,000 - 2050 11/1/2023 - 465,000 - 466,000 - 2032, 2034, 2033, 2044 & 2050 12/1/2023 - 465,000 - 466,000 - 2032, 2034, 2039, 2044 & 2050 12/1/2023 - 375,000 - 466,000 - 2032, 2034, 2039, 2044 & 2050 14/1/2023 - 170,000 - 170,000 - 2050 15/1/2023 - 335,000 - 170,000 - 2050 16/1/2023 - 335,000 - 125,000 - 2050 16/1/2023 - 335,000 - 125,000 - 2050 16/1/2023 - 330,000 - 125,000 - 2050 16/1/2023 - 300,000 - 125,000 - 2050 16/1/2023 - 300,000 - 125,000 - 2050 16/1/2023 - 340,000 - 125,000 - 2050 16/1/2023 - 340,000 - 125,000 - 2050 16/1/2023 - 340,000 - 125,000 - 2050 16/1/2023 - 340,000 - 125,000 - 2050 16/1/2023 - 340,000 - 125,000 - 2050 16/1/2023 - 340,000 - 125,000 - 2050 16/1/2024 - 435,000 - 140,000 - 2050 16/1/2024 - 185,000 - 165,000 - 2050 16/1/2024 - 185,000 - 165,000 - 2050 16/1/2024 - 185,000 - 185,000 - 2050			_		-	_		
7/1/2022 - 2,010,000 - 2,010,000 2025-2032, 2034, 2039, 2044 & 2050 8/1/2022 - 430,000 - - 430,000 2050 9/1/2022 - 430,000 - - 430,000 2050 10/1/2022 - 435,000 - - 430,000 2050 11/1/2022 - 430,000 - - 430,000 2050 12/1/2023 - 430,000 - - 430,000 2050 11/1/2023 - 465,000 - - 430,000 2032,2034, 2039, 2044 & 2050 21/1/2023 - 465,000 - - 430,000 2032, 2034, 2039, 2044 & 2050 4/1/2023 - 465,000 - - 450,000 2032, 2034, 2039, 2044 & 2050 6/1/2023 - 170,000 - - 170,000 2050 6/1/2023 - 125,000 - 125,000 2050 8/1/2023 - 255,000 - 255,000 2050 9/1/2023 -			_		_	_		
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1/1/2023 - 465,000 - - 465,000 2032, 2034, 2039, 2044 & 2050 2/1/2023 - 375,000 - - 375,000 2050 4/1/2023 - 170,000 - - 170,000 2050 5/1/2023 - 125,000 - - 125,000 2050 6/1/2023 - 335,000 - - 320,000 2050 8/1/2023 - 320,000 - - 255,000 2050 9/1/2023 - 30,000 - - 30,000 2050 9/1/2023 - 30,000 - - 30,000 2050 9/1/2023 - 30,000 - - 30,000 2050 10/1/2023 - 410,000 - - 410,000 2050 11/1/2023 - 435,000 - - 435,000 2050 2/1/2024 - 665,000 - - 665,000 2050 2/1/2024 - 165,000 -			_		_	_		
2/1/2023 - 375,000 - - 375,000 2050 4/1/2023 - 170,000 - - 170,000 2050 5/1/2023 - 125,000 - - 125,000 2050 6/1/2023 - 335,000 - - 320,000 2050 7/1/2023 - 320,000 - - 320,000 2050 9/1/2023 - 255,000 - - 30,000 2050 10/1/2023 - 410,000 - - 410,000 2050 11/1/2023 - 445,000 - - 435,000 2050 11/1/2023 - 445,000 - - 435,000 2050 11/1/2024 - 665,000 - - 665,000 2050 2/1/2024 - 665,000 - - 665,000 2050 3/1/2024 - 165,000 - - 165,000 2050 4/1/2024 - 185,000 - -			-					
4/1/2023 - 170,000 - - 170,000 2050 5/1/2023 - 125,000 - - 125,000 2050 6/1/2023 - 335,000 - - 3320,000 2050 7/1/2023 - 320,000 - - 320,000 2050 8/1/2023 - 255,000 - - 255,000 2050 9/1/2023 - 30,000 - - 30,000 2050 10/1/2023 - 410,000 - - 410,000 2050 11/1/2023 - 435,000 - - 435,000 2050 11/1/2024 - 665,000 - - 665,000 2050 2/1/2024 - 665,000 - - 665,000 2050 3/1/2024 - 165,000 - - 165,000 2050 4/1/2024 - 185,000 - - 185,000 2050 5/1/2024 - 185,000 - -					-			
5/1/2023 - 125,000 - - 125,000 2050 6/1/2023 - 335,000 - - 335,000 2050 7/1/2023 - 320,000 - - 320,000 2050 8/1/2023 - 255,000 - - 255,000 2050 9/1/2023 - 30,000 - - 30,000 2050 10/1/2023 - 410,000 - - 410,000 2050 11/1/2023 - 435,000 - - 435,000 2050 1/1/2024 - 665,000 - - 435,000 2050 3/1/2024 - 165,000 - - 165,000 2050 4/1/2024 - 170,000 - - 165,000 2050 5/1/2024 - 185,000 - - 185,000 2050 6/1/2024 - 200,000 - - 185,000 2050			-		-	-		
6/1/2023 - 335,000 335,000 2050 7/1/2023 - 320,000 320,000 2050 8/1/2023 - 255,000 255,000 2050 9/1/2023 - 30,000 255,000 2050 10/1/2023 - 410,000 410,000 2050 11/1/2023 - 410,000 410,000 2050 11/1/2023 - 435,000 410,000 2050 11/1/2024 - 665,000 435,000 2050 2/1/2024 - 165,000 255,000 2050 3/1/2024 - 165,000 165,000 2050 4/1/2024 - 185,000 165,000 2050 5/1/2024 - 185,000 185,000 2050 6/1/2024 - 185,000 185,000 2050 6/1/2024 - 185,000 185,000 2050 6/1/2024 - 185,000 185,000 2050 6/1/2024 - 185,000 185,000 2050			-		-	-		
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1/1/2024 - 665,000 - - 665,000 2050 2/1/2024 - 225,000 - - 225,000 2050 3/1/2024 - 165,000 - - 165,000 2050 4/1/2024 - 170,000 - - 170,000 2050 5/1/2024 - 185,000 - - 185,000 2050 6/1/2024 - 200,000 - - 200,000 2050					-	-		
2/1/2024 - 225,000 - - 225,000 2050 3/1/2024 - 165,000 - - 165,000 2050 4/1/2024 - 170,000 - - 170,000 2050 5/1/2024 - 185,000 - - 185,000 2050 6/1/2024 - 200,000 - - 200,000 2050			-		-	-		
3/1/2024 - 165,000 - - 165,000 2050 4/1/2024 - 170,000 - - 170,000 2050 5/1/2024 - 185,000 - - 185,000 2050 6/1/2024 - 200,000 - - 200,000 2050			-		-	-		
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5/1/2024 - 185,000 - - 185,000 2050 6/1/2024 - 200,000 - - 200,000 2050			-		-	-		
6/1/2024 - 200,000 200,000 2050			<u>-</u>		-	-		
			-		-	-		
Total 2019 F - 51,175,000 - 51,175,000		6/1/2024	-		-	-		2050
	Total 2019 F		-	51,175,000	-	-	51,175,000	



			Revenues (including					
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Othe	r To	otal Bonds Called	Maturity Date(s) of Bond(s) Called
2019 H	2/1/2023	\$ - 9	\$ 250,000	¢ .	\$	- \$	250,000	2050
201911	3/1/2023		85,000	Ψ -	Ψ	- Ψ -	85,000	2050
	4/1/2023		245,000	_		-	245,000	2050
	5/1/2023		150,000	_		-	150,000	2050
	6/1/2023		250,000	-		-	250,000	2050
	7/1/2023		325,000	-		-	325,000	2050
	1/1/2024		1,840,000	_		-	1,840,000	2050
	1/1/2024	<u>-</u>	3,145,000	<u> </u>		<u> </u>	3,145,000	2000
		-	3,143,000	-		-	3,143,000	
2020 A	7/1/2020			\$ -	\$	- \$	80,000	2021-2026
	10/1/2020	-	910,000	-		-	910,000	2021-2026
	11/1/2020	-	780,000	-		-	780,000	2021-2026
	12/1/2020	-	455,000	-		-	455,000	2021-2026
	1/1/2021	-	455,000	-		-	455,000	2021-2026
	3/1/2021	-	385,000	-		-	385,000	2021-2026
	4/1/2021	-	420,000	-		-	420,000	2021-2026
	5/1/2021	-	435,000	-		-	435,000	2021-2026
	6/1/2021	-	450,000	-		-	450,000	2021-2026
	7/1/2021	-	585,000	-		-	585,000	2022-2026
	9/1/2021	-	35,000	-		-	35,000	2023-2026
	10/1/2021	-	310,000	-		-	310,000	2022-2026
	11/1/2021	-	335,000	-		-	335,000	2022-2026
	12/1/2021	-	315,000	-		-	315,000	2022-2026
	1/1/2022	-	400,000	-		-	400,000	2022-2026
	3/1/2022	-	20,000	-		-	20,000	2024-2026
	4/1/2022		315,000	-		-	315,000	2022-2026
	5/1/2022		220,000	-		-	220,000	2022-2026
	6/1/2022	-	70,000	-		-	70,000	2022-2026
	7/1/2022		160,000	-		-	160,000	2023-2026
	12/1/2022		15,000	-		-	15,000	2025-2026
	1/1/2023		165,000	-		-	165,000	2023-2026
Total 2020 A		-	7,315,000	-		-	7,315,000	



Series Excess
Revenues (including

			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2020 B	6/1/2020	\$ - 9		\$ - \$	-	\$ 280,000	2027-2032, 2035, 2040, 2044 & 2050
	7/1/2020	-	455,000	-	-	455,000	2027-2032, 2035, 2040, 2044 & 2050
	8/1/2020	-	190,000	-	-	190,000	2050
	9/1/2020	-	195,000	-	-	195,000	2050
	10/1/2020	-	4,290,000	-	-	4,290,000	2021, 2026-2032, 2035, 2040, 2044 & 2050
	11/1/2020	-	3,710,000	-	-	3,710,000	2021, 2026-2032, 2035, 2040, 2044 & 2050
	12/1/2020	-	2,240,000	-	-	2,240,000	2021, 2026-2032, 2035, 2040, 2044 & 2050
	1/1/2021	-	2,365,000	-	-	2,365,000	2026-2032, 2035,,2040, 2044 & 2050
	2/1/2021	-	355,000	-	-	355,000	2050
	3/1/2021	-	2,180,000	-	-	2,180,000	2026-2032, 2035,,2040, 2044 & 2050
	4/1/2021	-	2,360,000	-	-	2,360,000	2026-2032, 2035,,2040, 2044 & 2050
	5/1/2021	-	2,410,000	-	-	2,410,000	2026-2032, 2035,,2040, 2044 & 2050
	6/1/2021	-	2,485,000	-	-	2,485,000	2026-2032, 2035,,2040, 2044 & 2050
	7/1/2021	-	3,390,000	-	-	3,390,000	2026-2032, 2035,,2040, 2044 & 2050
	8/1/2021	-	505,000	-	-	505,000	2050
	9/1/2021	-	675,000	-	-	675,000	2028-2032, 2035,,2040, 2044 & 2050
	10/1/2021	-	2,130,000	-	-	2,130,000	2028-2032, 2035,,2040, 2044 & 2050
	11/1/2021	-	2,270,000	-	-	2,270,000	2026-2032, 2035,,2040, 2044 & 2050
	12/1/2021	-	2,135,000	-	-	2,135,000	2026-2032, 2035,,2040, 2044 & 2050
	1/1/2022		2,800,000	-	-	2,800,000	2026-2032, 2035,,2040, 2044 & 2050
	2/1/2022		645,000	-	-	645,000	2050
	3/1/2022		760,000	-	-	760,000	2030-2032, 2035, 2040, 2044 & 2050
	4/1/2022		2,470,000	-	-	2,470,000	2026-2032, 2035, 2040, 2044 & 2050
	5/1/2022		1,925,000	-	-	1,925,000	2026-2032, 2035, 2040, 2044 & 2050
	6/1/2022		1,050,000	-	-	1,050,000	2027-2032, 2035, 2040, 2044 & 2050
	7/1/2022		1,695,000	-	-	1,695,000	2026-2032, 2035, 2040, 2044 & 2050
	8/1/2022		730,000	-	-	730,000	2050
	9/1/2022	-	730,000	-	-	730,000	2050
	10/1/2022	-	730,000	-	-	730,000	2050
	11/1/2022		730,000	-	-	730,000	2050
	12/1/2022	-	840,000	-	-	840,000	2030-2032, 2035, 2040, 2044 & 2050
	1/1/2023	-	1,955,000	-	-	1,955,000	2026-2032, 2035, 2040, 2044 & 2050
	2/1/2023	-	570,000	-	-	570,000	2050
	3/1/2023		145,000	-	-	145,000	2050
	4/1/2023		235,000	-	-	235,000	2050
	5/1/2023		125,000	-	-	125,000	2050
	6/1/2023		230,000	-	-	230,000	2050
	7/1/2023		140,000	-	-	140,000	2050
	8/1/2023		145,000	-	-	145,000	2050
	9/1/2023	-	640,000	-	-	640,000	2050
	10/1/2023	-	380,000	-	-	380,000	2050
	11/1/2023		650,000	-	-	650,000	2050
	12/1/2023		485,000	-	-	485,000	2050
	1/1/2024	-	140,000	-	-	140,000	2050
	2/1/2024	-	210,000	-	-	210,000	2050
	3/1/2024	-	725,000	-	-	725,000	2050
	4/1/2024	-	425,000	-	-	425,000	2050
	5/1/2024	-	1,570,000	-	-	1,570,000	2050
T. () 0000 F	6/1/2024	-	645,000	-	-	645,000	2050
Total 2020 B		-	59,140,000	-	-	59,140,000	



Service Road Call Data Onespended Process Frequencies Secure Secure Secure Secure Secure Secure Secure Secur				Revenues (including					
\$1,000 \$ \$ \$ \$ \$ \$ \$ \$ \$	Series	Bond Call Date	Unexpended Proceeds		Reserve Excess	Other		Total Bonds Called	Maturity Date(s) of Bond(s) Called
771/2010 265,000 205,000 2009-2030, 2005, 2010, 2014 6,2550 2010			•						
8 1/22/20 8 1/22/20 9 1/22	2020 C	6/1/2020	\$ -	\$ 150,000	\$ -	\$	- \$	150,000	2050
9410000		7/1/2020	-	205,000	-		-	205,000	2026-2030, 2035, 2040, 2044 & 2050
101-107/07		8/1/2020	-	80,000	-		-	80,000	2050
111/12/200		9/1/2020	-	340,000	-		-	340,000	2023-2030, 2035, 2040, 2044 & 2050
121/2020		10/1/2020	-	1,965,000	-		-	1,965,000	2021-2030, 2035, 2040, 2044 & 2050
11/1/2021 1,026,000 1,025,000 2021-2030,2035,2040,2044 & 2050 271-1/2031 275,000 1,025,000 2021-2030,2035,2040,2044 & 2050 371/2021 705,000 7705,000 2021-2030,2035,2040,2044 & 2050 371/2021 705,000 7705,000 2021-2030,2035,2040,2044 & 2050 371/2021 1,035,000 1,035,000 2021-2030,2035,2040,2044 & 2050 371/2021 1,035,000 1,035,000 2021-2030,2035,2040,2044 & 2050 371/2021 1,035,000 1,035,000 2021-2030,2035,2040,2044 & 2050 371/2021 1,035,000 1,035,000 2021-2030,2035,2040,2044 & 2050 371/2021 1,035,000 1,035,000 2021-2030,2035,2040,2044 & 2050 371/2021 1,035,000 1,035,000 1,035,000 2021-2030,2035,2040,2044 & 2050 371/2021 1,035,000 1,		11/1/2020	-	1,645,000	-		-	1,645,000	2021-2030, 2035, 2040, 2044 & 2050
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4/1/2024 - 175,000 - - 175,000 2050 5/1/2024 - 560,000 - - 560,000 2050 6/1/2024 - 235,000 - - 235,000 2050			-		-		-		
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6/1/2024 - 235,000 235,000 2050			-		-		-		
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Total 2020 C - 25,125,000 25,125,000		6/1/2024	-		-		-		2050
	Total 2020 C		-	25,125,000	-		-	25,125,000	



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
B	40/4/0000	•				Φ 400.000	7000 1000
2020 D	10/1/2020		•		-		2021-2027
	11/1/2020	-	345,000	=	-	345,000	2021-2027
	12/1/2020	-	200,000	-	-	200,000	2021-2027
	1/1/2021	-	255,000	-	-	255,000	2021-2027
	3/1/2021	-	295,000	-	-	295,000	2021-2027
	4/1/2021	-	150,000	-	-	150,000	2021-2026
	5/1/2021	-	310,000	-	-	310,000	2021-2027
	6/1/2021	-	350,000	-	-	350,000	2021-2027
	7/1/2021	-	265,000	-	-	265,000	2022-2027
	8/1/2021	-	5,000	-	-	5,000	2025
	9/1/2021	-	230,000	-	-	230,000	2022-2027
	10/1/2021	-	200,000	-	-	200,000	2022-2027
	11/1/2021	-	410,000	-	-	410,000	2022-2027
	12/1/2021	-	190,000	-	-	190,000	2022-2027
	1/1/2022	-	280,000	-	-	280,000	2022-2027
	3/1/2022	-	5,000	-	-	5,000	2025
	4/1/2022	-	230,000	-	-	230,000	2022-2027
	5/1/2022	-	165,000	-	-	165,000	2022-2027
	6/1/2022	-	100,000	-	-	100,000	2022-2027
	7/1/2022	-	75,000	-	-	75,000	2023-2026
	11/1/2022		5,000	-	-	5,000	2025
	12/1/2022		125,000	-	-	125,000	2023-2027
	1/1/2023		75,000	-	_	75,000	2023-2027
Total 2020 D		-	4,445,000	-	-	4,445,000	



Series	Bond Call Date	Unexpended Proceeds	Revenues (including Prepayments)	Reserve Excess	Other	Total I	Bonds Called	Maturity Date(s) of Bond(s) Called
2020 E	10/1/2020	\$ - :	\$ 885,000	\$ - \$		- \$	885,000	2027-2032, 2035, 2040, 2044 & 2050
	11/1/2020		1,550,000	-			1,550,000	2025-2032, 2035, 2040, 2044 & 2050
	12/1/2020		920,000	-		_	920,000	2025, 2027-2032, 2035, 2040, 2044 & 2050
	1/1/2021	-	1,230,000	-		_	1,230,000	2026-2032, 2035, 2040, 2044 & 2050
	2/1/2021	-	165,000	_	-	_	165,000	2050
	3/1/2021	-	1,570,000	_	-	_	1,570,000	2025-2032, 2035, 2040, 2044 & 2050
	4/1/2021	-	885,000	-	-	_	885,000	2027-2032, 2035, 2040, 2044 & 2050
	5/1/2021	-	1,635,000	-	-	-	1,635,000	2026-2032, 2035, 2040, 2044 & 2050
	6/1/2021	-	1,820,000	-	-	-	1,820,000	2025-2032, 2035, 2040, 2044 & 2050
	7/1/2021	-	1,535,000	-	-	-	1,535,000	2025, 2027-2032, 2035, 2040, 2044 & 2050
	8/1/2021	-	325,000	-	-	-	325,000	2032, 2035, 2040, 2044 & 2050
	9/1/2021	-	1,510,000	-	-	-	1,510,000	2025, 2027-2032, 2035, 2040, 2044 & 2050
	10/1/2021	-	1,340,000	-	-	-	1,340,000	2027-2032, 2035, 2040, 2044 & 2050
	11/1/2021	-	2,430,000	-	-	-	2,430,000	2022, 2025-2032, 2035, 2040, 2044 & 2050
	12/1/2021	-	1,305,000	-	-	-	1,305,000	2027-2032, 2035, 2040, 2044 & 2050
	1/1/2022	-	1,900,000	-	-	-	1,900,000	2026-2032, 2035, 2040, 2044 & 2050
	2/1/2022		435,000	-	-	-	435,000	2050
	3/1/2022		460,000	-	-	-	460,000	2032, 2035, 2040, 2044 & 2050
	4/1/2022		1,720,000	-	-	-	1,720,000	2026-2032, 2035, 2040, 2044 & 2050
	5/1/2022		1,370,000	-	-	-	1,370,000	2027-2032, 2035, 2040, 2044 & 2050
	6/1/2022		1,020,000	-		-	1,020,000	2027-2032, 2035, 2040, 2044 & 2050
	7/1/2022	-	915,000	-	-	-	915,000	2027-2032, 2035, 2040, 2044 & 2050
	8/1/2022	-	365,000	-	-	-	365,000	2050
	9/1/2022	-	750,000	-	-	-	750,000	2050
	10/1/2022	-	560,000	-	-	-	560,000	2050
	11/1/2022	-	610,000	-	-	-	610,000	2031-2032, 2035, 2040, 2044 & 2050
	12/1/2022	-	1,340,000	-	-	-	1,340,000	2027-2032, 2035, 2040, 2044 & 2050
	1/1/2023	-	1,085,000	-	-	-	1,085,000	2027-2032, 2035, 2040, 2044 & 2050
	2/1/2023	-	615,000	-	-	-	615,000	2050
	3/1/2023	-	620,000	-	-	-	620,000	2050
	4/1/2023	-	480,000	-	-	-	480,000	2050
	5/1/2023	-	130,000	-	-	-	130,000	2050
	6/1/2023	-	115,000	-	-	-	115,000	2050
	7/1/2023	-	90,000	-	-	-	90,000	2050
	8/1/2023	-	125,000	-	-	-	125,000	2050
	9/1/2023	-	1,110,000	-	-	-	1,110,000	2050
	10/1/2023	-	420,000	-	-	-	420,000	2050
	1/1/2024	-	1,970,000	-	-	-	1,970,000	2050
	2/1/2024	-	325,000	-	-	-	325,000	2050
	3/1/2024	-	520,000	-	-	-	520,000	2050
	4/1/2024	-	535,000	-	-	-	535,000	2050
	5/1/2024		180,000			<u>-</u>	180,000	2050
Total 2020 E		-	38,870,000	-		-	38,870,000	



Revenues (including											
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called				
2020 F	1/1/2021	\$ - \$	150,000	\$ - \$	- (\$ 150,000	2021-2028				
	4/1/2021		75,000	-	-	75,000	2021-2028				
	5/1/2021		335,000	-	-	335,000	2021-2028				
	6/1/2021	-	255,000	-	-	255,000	2021-2028				
	7/1/2021	-	115,000	-	-	115,000	2022-2028				
	9/1/2021	-	90,000	-	-	90,000	2022-2028				
	10/1/2021	-	185,000	-	-	185,000	2022-2028				
	11/1/2021	-	230,000	-	-	230,000	2022-2028				
	12/1/2021	-	85,000	-	-	85,000	2022-2028				
	1/1/2022	-	185,000	-	-	185,000	2022-2028				
	3/1/2022	-	105,000	-	-	105,000	2022-2028				
	4/1/2022	-	170,000	-	-	170,000	2022-2028				
	5/1/2022	-	110,000	-	-	110,000	2022-2028				
	6/1/2022	<u>-</u>	60,000	-	-	60,000	2022-2028				
	7/1/2022	<u>-</u>	70,000	-	-	70,000	2023-2028				
	11/1/2022	<u>-</u>	20,000	-	-	20,000	2023-2024 & 2028				
	12/1/2022	-	50,000	-	-	50,000	2023-2028				
	1/1/2023	-	5,000	-	-	5,000	2024				
Total 2020 F		-	2,295,000	-	-	2,295,000					



			Revenues (including				
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2020 G	1/1/2021	\$ -		\$ - \$	-	\$ 685,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	2/1/2021	-	80,000	-	-	80,000	2051
	3/1/2021	-	85,000	-	-	85,000	2051
	4/1/2021	-	415,000	-	-	415,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	5/1/2021	-	1,565,000	-	-	1,565,000	2023, 2028-2032, 2035, 2040, 2045 & 2051
	6/1/2021	-	1,205,000	-	-	1,205,000	2023, 2028-2032, 2035, 2040, 2045 & 2051
	7/1/2021	-	620,000	-	-	620,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	8/1/2021	-	210,000	-	-	210,000	2051
	9/1/2021	-	640,000	-	-	640,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	10/1/2021	-	1,090,000	-	-	1,090,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	11/1/2021	-	1,295,000	-	-	1,295,000	2023, 2028-2032, 2035, 2040, 2045 & 2051
	12/1/2021	-	625,000	-	-	625,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	1/1/2022	-	1,175,000	-	-	1,175,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	2/1/2022	-	305,000	-	-	305,000	2051
	3/1/2022	-	840,000	-	-	840,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	4/1/2022	-	1,175,000	-	-	1,175,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	5/1/2022	-	890,000	-	-	890,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	6/1/2022	-	620,000	-	-	620,000	2029-2032, 2035, 2040, 2045 & 2051
	7/1/2022	-	710,000	-	-	710,000	2023, 2029-2032, 2035, 2040, 2045 & 2051
	8/1/2022	-	415,000	-	-	415,000	2051
	9/1/2022	-	180,000	-	-	180,000	2051
	10/1/2022	-	525,000	-	-	525,000	2051
	11/1/2022	-	640,000	-	-	640,000	2031-2032, 2035, 2040, 2045 & 2051
	12/1/2022		690,000	-	-	690,000	2029-2032, 2035, 2040, 2045 & 2051
	1/1/2023		440,000	-	-	440,000	2032, 2040, 2045 & 2051
	2/1/2023		505,000	-	-	505,000	2051
	3/1/2023		285,000	-	-	285,000	2051
	4/1/2023	<u>-</u>	300,000	-	-	300,000	2051
	5/1/2023	<u>-</u>	10,000	-	-	10,000	2051
	6/1/2023		470,000	-	-	470,000	2051
	8/1/2023		450,000	-	-	450,000	2051
	9/1/2023		225,000	-	-	225,000	2051
	10/1/2023		795,000	-	-	795,000	2051
	1/1/2024		1,650,000	-	-	1,650,000	2051
	2/1/2024		280,000	-	-	280,000	2051
	3/1/2024		160,000	-	-	160,000	2051
	4/1/2024		175,000	-	-	175,000	2051
	5/1/2024		210,000	-	-	210,000	2051
	6/1/2024		245,000	-	-	245,000	2051
Total 2020 G		-	22,880,000	-	-	22,880,000	



Series Excess Revenues (includir

	Revenues (including												
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called						
2020 H	4/1/2021	\$ - \$	55,000	\$ - \$	-	\$ 55,000	2022-2028						
	5/1/2021	-	65,000	-	-	65,000	2022-2028						
	6/1/2021	-	120,000	-	-	120,000	2021-2028						
	8/1/2021	-	50,000	-	-	50,000	2022-2028						
	9/1/2021	-	195,000	-	-	195,000	2022-2028						
	10/1/2021	-	85,000	-	-	85,000	2022-2028						
	11/1/2021	-	185,000	-	-	185,000	2022-2028						
	12/1/2021	-	25,000	-	-	25,000	2023-2025						
	1/1/2022	-	280,000	-	-	280,000	2022-2028						
	4/1/2022	-	195,000	-	-	195,000	2022-2028						
	5/1/2022	-	100,000	-	-	100,000	2022-2028						
	6/1/2022	-	10,000	-	-	10,000	2025						
	7/1/2022	-	85,000	-	-	85,000	2023-2028						
Total 2020 H		-	1,450,000	-	-	1,450,000							



Revenues (including											
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	Other	Tota	al Bonds Called	Maturity Date(s) of Bond(s) Called			
2020 I	4/1/2021		265,000	\$ - \$		- \$	265,000	2029-2032, 2035, 2040, 2045 & 2051			
	5/1/2021		265,000	-		-	265,000	2029-2032, 2035, 2040, 2045 & 2051			
	6/1/2021	-	510,000	-		-	510,000	2021-2022, 2028-2032, 2035, 2040, 2045 & 2051			
	7/1/2021	-	10,000	-		-	10,000	2051			
	8/1/2021	-	345,000	-		-	345,000	2030-2032, 2035, 2040, 2045 & 2051			
	9/1/2021	-	990,000	-		-	990,000	2022, 2028-2032, 2035, 2040, 2045 & 2051			
	10/1/2021	-	500,000	-		-	500,000	2022, 2028-2032, 2035, 2040, 2045 & 2051			
	11/1/2021	-	945,000	-		-	945,000	2022, 2028-2032, 2035, 2040, 2045 & 2051			
	12/1/2021	-	250,000	-		-	250,000	2031-2032, 2035, 2040, 2045 & 2051			
	1/1/2022	<u>-</u>	1,420,000	-		-	1,420,000	2028-2032, 2035, 2040, 2045 & 2051			
	3/1/2022	<u>-</u>	505,000	-		-	505,000	2051			
	4/1/2022	_	1,145,000	-		-	1,145,000	2028-2032, 2035, 2040, 2045 & 2051			
	5/1/2022	<u>-</u>	715,000	-		-	715,000	2028-2032, 2035, 2040, 2045 & 2051			
	6/1/2022		295,000	-		-	295,000	2032, 2035, 2040, 2045 & 2051			
	7/1/2022		680,000	_		-	680,000	2028-2032, 2035, 2040, 2045 & 2051			
	8/1/2022		260,000	_		-	260,000	2051			
	9/1/2022		445,000	_		-	445,000	2051			
	10/1/2022		30,000	-		_	30,000	2051			
	11/1/2022		470,000	-		_	470,000	2051			
	12/1/2022		610,000	_		-	610,000	2051			
	1/1/2023		365,000	-		_	365,000	2051			
	2/1/2023		300,000	-		_	300,000	2051			
	3/1/2023		420,000	_		_	420,000	2051			
	4/1/2023		145,000	_		_	145,000	2051			
	5/1/2023		90,000	_		_	90,000	2051			
	6/1/2023		300,000	_		-	300,000	2051			
	7/1/2023		45,000	-		_	45,000	2051			
	8/1/2023		440,000	_		_	440,000	2051			
	9/1/2023		795,000	_		_	795,000	2051			
	10/1/2023		255,000	_		_	255,000	2051			
	1/1/2024		1,650,000	-		_	1,650,000	2051			
	2/1/2024		230,000	-		_	230,000	2051			
	3/1/2024		80,000	-		_	80,000	2051			
	4/1/2024		170,000	-		_	170,000	2051			
	5/1/2024		165,000	-		_	165,000	2051			
	6/1/2024		255,000	_		_	255,000	2051			
Total 2020 I	0/1/2024	-	16,360,000	<u> </u>		-	16,360,000	2001			
1 Olai 2020 1		-	10,300,000	-		-	10,000,000				



Series	Bond Call Date	Unexpended Proceeds	Reven	ries Excess lues (including epayments)	Reserve Exces	s	Other	7	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2021 A	7/1/2021	\$ -	\$	65,000	\$	- \$		- \$	65,000	2023-2030
2021 A	8/1/2021		Ψ	45,000	Ψ	- Ψ		- Ψ	45,000	2025-2030
	9/1/2021			15,000		_		_	15,000	2029-2030
	10/1/2021			25,000		_		_	25,000	2028-2030
	11/1/2021			65,000		_		_	65,000	2023-2025 & 2026-2030
	12/1/2021			45,000		_		_	45,000	2025, 2026-2030
	1/1/2022			315,000		_		_	315,000	2022-2030
	3/1/2022			145,000		_		_	145,000	2022-2030
	4/1/2022			210,000		_		_	210,000	2022-2030
	5/1/2022			20,000		_		_	20,000	2028-2030
	6/1/2022			35,000		_		_	35,000	2027-2030
	7/1/2022			65,000		_		_	65,000	2023-2030
Total 2021 A	17172022	-		1,050,000		_		_	1,050,000	2020 2000
10tai 2021 A				1,000,000					1,000,000	
2021 B	7/1/2021	\$ -	\$	230,000	\$	- \$		- \$	230,000	2032-2033, 2036, 2041, 2046 & 2051
	8/1/2021	-		245,000		-		-	245,000	2032-2033, 2036, 2041, 2046 & 2051
	9/1/2021	-		160,000		-		-	160,000	2033, 2036, 2041, 2046 & 2051
	10/1/2021	-		185,000		-		-	185,000	2033, 2036, 2041, 2046 & 2051
	11/1/2021	-		225,000		-		-	225,000	2031-2033, 2036, 2041, 2046 & 2051
	12/1/2021	-		225,000		-		-	225,000	2032-2033, 2036, 2041, 2046 & 2051
	1/1/2022	-		1,000,000		-		-	1,000,000	2025-2026, 2030-2033, 2036, 2041, 2046 & 2051
	2/1/2022	-		50,000		-		-	50,000	2051
	3/1/2022	-		765,000		-		-	765,000	2025-2026, 2030-2033, 2036, 2041, 2046 & 2051
	4/1/2022	-		810,000		-		-	810,000	2025-2026, 2030-2033, 2036, 2041, 2046 & 2051
	5/1/2022	-		260,000		-		-	260,000	2033, 2036, 2041, 2046 & 2051
	6/1/2022	-		300,000		-		-	300,000	2033, 2036, 2041, 2046 & 2051
	7/1/2022	-		410,000		-		-	410,000	2031-2033, 2036, 2041, 2046 & 2051
	8/1/2022	-		320,000		-		-	320,000	2051
	9/1/2022	-		320,000		-		-	320,000	2051
	10/1/2022	-		325,000		-		-	325,000	2051
	11/1/2022	-		320,000		-		-	320,000	2051
	12/1/2022	-		320,000		-		-	320,000	2051
	1/1/2023	-		325,000		-		-	325,000	2051
	2/1/2023	-		425,000		-		-	425,000	2051
	3/1/2023	-		365,000		-		-	365,000	2051
	4/1/2023	-		180,000		-		-	180,000	2051
	5/1/2023			45,000		-		-	45,000	2051
	6/1/2023			325,000		-		-	325,000	2051
	7/1/2023			145,000		-		-	145,000	2051
	8/1/2023			490,000		-		-	490,000	2051
	9/1/2023			585,000		-		-	585,000	2051
	1/1/2024			2,030,000		-		-	2,030,000	2051
	2/1/2024			575,000		-		-	575,000	2051
	3/1/2024			350,000		-		-	350,000	2051
	4/1/2024			125,000		-		-	125,000	2051
Total 2021 B		-		12,435,000		-		-	12,435,000	



			Revenues (including					
Series	Bond Call Date	Unexpended Proceeds	Prepayments)	Reserve Excess	C	Other To	otal Bonds Called	Maturity Date(s) of Bond(s) Called
2021 C	11/1/2021		\$ 170,000		\$	- \$	170,000	2022-2028
	12/1/2021	-	140,000			-	140,000	2023-2028
	1/1/2022		315,000			-	315,000	2022-2028
	3/1/2022		200,000			-	200,000	2022-2028
	4/1/2022		190,000			-	190,000	2022-2028
	5/1/2022		80,000			-	80,000	2023-2028
	6/1/2022		60,000			-	60,000	2022-2028
	7/1/2022		155,000			-	155,000	2023-2028
	12/1/2022		120,000			-	120,000	2023-2028
	1/1/2023		100,000			-	100,000	2023-2028
Total 2021 C		-	1,530,000	-		-	1,530,000	
2021 D	10/1/2021	\$ -	\$ 370,000	\$ -	\$	- \$	370,000	2052
	11/1/2021	-	755,000			-	755,000	2022, 2027-2032, 2036, 2041, 2046 & 2052
	12/1/2021	-	690,000			_	690,000	2022, 2027-2032, 2036, 2041, 2046 & 2052
	1/1/2022	-	1,410,000			-	1,410,000	2022, 2027-2032, 2036, 2041, 2046 & 2052
	2/1/2022		290,000			-	290,000	2052
	3/1/2022		1,120,000			-	1,120,000	2022, 2027-2032, 2036, 2041, 2046 & 2052
	4/1/2022		1,080,000			-	1,080,000	2022, 2027-2032, 2036, 2041, 2046 & 2052
	5/1/2022		620,000			-	620,000	2022, 2027-2032, 2036, 2041, 2046 & 2052
	6/1/2022		535,000			-	535,000	2022, 2028-2032, 2036, 2041, 2046 & 2052
	7/1/2022		940,000			-	940,000	2027-2032, 2036, 2041, 2046 & 2052
	8/1/2022		420,000			-	420,000	2052
	9/1/2022		420,000			-	420,000	2052
	10/1/2022		420,000			_	420,000	2052
	11/1/2022		420,000			_	420,000	2052
	12/1/2022		915,000			_	915,000	2027-2032, 2036, 2041, 2046 & 2052
	1/1/2023		895,000			_	895,000	2027-2032, 2036, 2041, 2046 & 2052
	2/1/2023		540,000			_	540,000	2052
	3/1/2023		295,000			-	295,000	2052
	5/1/2023		215,000			-	215,000	2052
	6/1/2023		65,000			-	65,000	2052
	7/1/2023		410,000			-	410,000	2052
	8/1/2023		590,000			-	590,000	2052
	9/1/2023		1,135,000			-	1,135,000	2052
	1/1/2024		2,210,000			-	2,210,000	2052
	2/1/2024		305,000			-	305,000	2052
	3/1/2024		160,000			-	160,000	2052
	4/1/2024		385,000			-	385,000	2052
	5/1/2024		845,000			-	845,000	2052
	6/1/2024		10,000			-	10,000	2052
Total 2021 D		-	18,465,000			-	18,465,000	



			Revenues (including						
Series	Bond Call Date	Unexpended Proceeds	Prepayments)		eserve Excess	Other	7	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2021 E	1/1/2022		\$ 75,000		- \$	-	- \$	75,000	2022-2027
	2/1/2022		65,000		-	-	-	65,000	2022-2027
	3/1/2022		20,000		-	-	-	20,000	2025-2027
	4/1/2022		80,000		-	-	-	80,000	2022-2027
	5/1/2022		120,000		-	-	-	120,000	2022-2027
	6/1/2022		15,000		-	-	-	15,000	2025-2027
	7/1/2022		20,000		-	-	-	20,000	2025-2027
	12/1/2022		20,000		-	-	-	20,000	2025-2027
Total 2021 E		-	415,000)	-		-	415,000	
2021 F	1/1/20022	-	\$ 495,000) \$	- \$		- \$	495,000	2027-2033, 2036, 2041, 2046 & 2052
	2/1/2022		500,000		-		-	500,000	2027-2033, 2036, 2041, 2046 & 2052
	3/1/2022		245,000		_		_	245,000	2030-2033, 2036, 2041, 2046 & 2052
	4/1/2022		600,000		_		_	600,000	2027-2033, 2036, 2041, 2046 & 2052
	5/1/2022		815,000		_	_	_	815,000	2027-2033, 2036, 2041, 2046 & 2052
	6/1/2022		210,000		_	_	_	210,000	2031-2033, 2036, 2041, 2046 & 2052
	7/1/2022		245,000		_	_	_	245,000	2031-2033, 2036, 2041, 2046 & 2052
	8/1/2022		240,000		_	_	_	240,000	2052
	9/1/2022		195,000		_	_	_	195,000	2052
	10/1/2022		225,000		_	_	_	225,000	2052
	11/1/2022		225,000		_	_	_	225,000	2052
	12/1/2022		610,000		_	_	_	610,000	2030-2033, 2036, 2041, 2046 & 2052
	1/1/2023		280,000		_	_	_	280,000	2052
	2/1/2023		280,000		_		_	280,000	2052
	3/1/2023		70,000		_		_	70,000	2052
	4/1/2023		155,000		-		-	155,000	2052
	5/1/2023		580,000		-		_	580,000	2052
	6/1/2023		80,000		-		-	80,000	2052
	7/1/2023		270,000		-		-	270,000	2052
	8/1/2023		615,000		-			615,000	2052
					-	-	-		2052 2052
	9/1/2023		445,000		-	-	-	445,000	2052 2052
	1/1/2024		2,000,000		-		-	2,000,000	2052 2052
	2/1/2024		285,000		-		-	285,000	
	3/1/2024		380,000		-		-	380,000	2052
	4/1/2024		220,000		-		-	220,000	2052
T-1-1 0004 F	5/1/2024	-	215,000		-		-	215,000	2052
Total 2021 F		-	10,480,000	J	-	-	-	10,480,000	



Solution Model (missing) Properties (missing) Color (missing) Total (missing) Material (missing)				Revenues (including					
Shigas2 Shigas2	Series	Bond Call Date	Unexpended Proceeds		Reserve Excess	Other	To	otal Bonds Called	Maturity Date(s) of Bond(s) Called
Shigas2 Shigas2	2021 G	4/1/2022	¢ .	\$ 110,000	¢ _ ¢			110.000	2025-2033
Principle Prin	2021 G						- φ		
17/1002							_		
1/1 1/1									
14 15 15 15 15 15 15 15			_						
			_						
2021 H	Total 2021 G	1/1/2023							2000-2000
61/10/22 28.00 280,000 2027,7058,2041,2046 & 2002 61/10/22 28.05,000 28.000 2036,7041,2046 & 2002 61/10/22 210,000 200,7041,7046 & 2002 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/22 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/24 20.000 20.000 20.000 61/10/25 20.000 20.000 20.000 61/10/25 20.000 20.000 20.000 61/10/25 20.000 20.000 20.000 61/10/25 20.000 20.000 20.000 61/10/25 20.000 20.000 20.000 61/10/25 20.000 20.000 20.000 61/10/25 20.0000 20.000 20.000 61/10/25 20.0000 20.0000 20.0000 61/10/25 20.0000 20.0000 20.0000 61/10/25 20.0000 20.0000 20.0000 61/10/25 20.0000 20.0000 20.0000 61/10/25 20.0000 20.0000 20.0000 61/10/25 20.0000 20.	10tal 2021 G			020,000				023,000	
61/1022	2021 H		\$ -				- \$		
1/1/2022 1/10/2023 1/10/2024 1/10/			-				-		
101/10222 101/10223 201000 20022 2010000 20022 2010000 20022 2010000 20022 2010000 20022 2010000 20022 2010000 20022 2010000 20022 2010000 20022 2010000 20022 2010000 20022 2010000 20022 2010000 20022 20100000 20022 20100000 20022 20100000 20022 20100000 20022 20100000 20022 20100000 20022 201000000 20022 201000000 20022 20100000 20022 20100000 20022 20100000 20022 20100000 20022 20100000 20022 20100000 20022 20100000 20022 20100000 20022 20100000 20022 201000000 20022 20100000 20022 20100000 20022 20100000 20022 20100000 20022 20100000 20022 201000000 20022 201000000 20022 2010000000 20022 2010000000000							-		
101/1022							-		
11/1/2022							-		
121/2022 370,000 370,000 2038,2041,2048 & 2052 275,000 275,000 2038,2041,2048 & 2052 275,000 2052 275,000 2052 275,000 2052 275,000 2052 275,000 2052 275,000 2052 275,000 2052 275,000 2052 275,000 2052 275,000 2052 275,000 2052 275,000						•	-		
1/1/2023			-				-		
145,000 145,000 145,000 2052			-			•	-		
1/12/223 70,000			-			•	-		
147/2023 75,000			-				-		
			-				-		
Part			-				-		
195.00 1			-		-		-		
R			-		-		-		
9/12/023 300,000 305		7/1/2023	-	195,000	-		-	195,000	
10/1/202		8/1/2023	-	290,000	-		-	290,000	
1/1/204		9/1/2023	-	300,000	-		-	300,000	
2/1/2024 700,000 700,000 2052		10/1/2023	-	205,000	-		-	205,000	2052
31/12024 265,000 - 265,000 2052 41/12024 2 180,000		1/1/2024	-	1,015,000	-		-	1,015,000	2052
1/1/2024 1/1/2024		2/1/2024	-	700,000	-		-	700,000	2052
Total 2021 H		3/1/2024	-	265,000	-		-	265,000	2052
Total 2021 H		4/1/2024	-	610,000	-		-	610,000	
Total 2021 H - 7,340,000 - 7,340,000 - 7,340,000 - 7,340,000 - 7,340,000 - 7,340,000 - 7,340,000 - 255,000 - 2052 2022 A 6/1/2022 - 255,000 - 255,000 2029-2034, 2037, 2042, 2045 & 2052 - 2052 10/1/2023 - 145,000 - 250,000 - 2052 2052 - 2052 4/1/2023 - 250,000 - 2052 - 305,000 2052 - 2052 11/1/2023 - 250,000 - 2052 - 305,000 2052 - 2052 11/1/2023 - 250,000 - 2052 - 305,000 2052 - 2052 11/1/2023 - 250,000 - 250,000 2052 - 2052 11/1/2023 - 250,000 - 250,000 2052 - 2052 11/1/2023 - 250,000 - 250,000 2052 - 2052 11/1/2023 - 250,000 - 250,000 2052 - 2052 11/1/2024 - 2		5/1/2024	-	180,000	-		-	180,000	2052
2022 A 6/1/2022 \$ 255,000 \$ 255,000 \$ 255,000 \$ 2052 7/1/2022 \$ 255,000 \$ 255,000 \$ 2052 10/1/2022 \$ 255,000 \$ 255,000 \$ 2052 10/1/2023 \$ 2 145,000 \$ 2052 11/1/2023 \$ 2 15,000 \$ 2052 11/1/2023 \$ 2 15,000 \$ 2052 11/1/2023 \$ 2 15,000 \$ 2052 11/1/2023 \$ 2 15,000 \$ 2052 11/1/2023 \$ 2 140,000 \$ 2052 11/1/2023 \$ 2 255,000 \$ 2052 11/1/2023 \$ 2 255,000 \$ 2052 11/1/2023 \$ 2 255,000 \$ 2052 11/1/2023 \$ 2 255,000 \$ 2052 11/1/2023 \$ 2 255,000 \$ 2052 11/1/2024 \$ 2 255,000 \$ 2052 11/1/2024 \$ 2 255,000 \$ 2052 11/1/2024 \$ 2 255,000 \$ 2052 11/1/2024 \$ 2 255,000 \$ 2052 11/1/2024 \$ 2 255,000 \$ 2052 11/1/2024 \$ 2 255,000 \$ 2052 11/1/2024 \$ 2 255,000 \$ 2052 11/1/2024 \$ 2 255,000 \$ 2052 11/1/2024 \$ 2 255,000 \$ 2052 11/1/2024 \$ 2 255,000 \$ 2052 11/1/2024 \$ 2 255,000 \$ 2052 11/1/2024 \$ 2 255,000 \$ 2052 11/1/2024 \$ 2 255,000 \$ 2052		6/1/2024	-	295,000	-		-	295,000	2052
7/1/2022 - 255,000 - - 255,000 2029-2034, 2037, 2042, 2045 & 2052 10/1/2022 - 145,000 - - 145,000 2052 1/1/2023 - 630,000 - - 630,000 2031-2034, 2037, 2042, 2045 & 2052 4/1/2023 - 15,000 - - 15,000 2052 8/1/2023 - 305,000 - - 305,000 2052 11/1/2023 - 140,000 - - 140,000 2052 12/1/2023 - 255,000 - - 255,000 2052 3/1/2024 - 245,000 - - 245,000 2052 4/1/2024 - 315,000 - - 315,000 2052 6/1/2024 - 15,000 - - 15,000 2052	Total 2021 H		-	7,340,000	-		-	7,340,000	
7/1/2022 - 255,000 - - 255,000 2029-2034, 2037, 2042, 2045 & 2052 10/1/2022 - 145,000 - - 145,000 2052 1/1/2023 - 630,000 - - 630,000 2031-2034, 2037, 2042, 2045 & 2052 4/1/2023 - 15,000 - - 15,000 2052 8/1/2023 - 305,000 - - 305,000 2052 11/1/2023 - 140,000 - - 140,000 2052 12/1/2023 - 255,000 - - 255,000 2052 3/1/2024 - 245,000 - - 245,000 2052 4/1/2024 - 315,000 - - 315,000 2052 6/1/2024 - 15,000 - - 15,000 2052	2022 A	6/1/2022	\$ -	\$ 255.000	\$ - \$;	- \$	255.000	2052
10/1/2022 - 145,000 - - 145,000 2052 1/1/2023 - 630,000 - - 630,000 2031-2034, 2037, 2042, 2045 & 2052 4/1/2023 - 15,000 - - 15,000 2052 8/1/2023 - 305,000 - - 305,000 2052 11/1/2023 - 140,000 - - 140,000 2052 12/1/2023 - 255,000 - - 255,000 2052 3/1/2024 - 245,000 - - 245,000 2052 4/1/2024 - 315,000 - - 315,000 2052 6/1/2024 - 15,000 - - 15,000 2052					-				
1/1/2023 - 630,000 - - 630,000 2031-2034, 2037, 2042, 2045 & 2052 4/1/2023 - 15,000 - - 15,000 2052 8/1/2023 - 305,000 - - 305,000 2052 11/1/2023 - 140,000 - - 140,000 2052 12/1/2023 - 255,000 - - 255,000 2052 3/1/2024 - 245,000 - - 245,000 2052 4/1/2024 - 315,000 - - 315,000 2052 6/1/2024 - 15,000 - - 15,000 2052			_		_		_		
4/1/2023 - 15,000 - - 15,000 2052 8/1/2023 - 305,000 - - 305,000 2052 11/1/2023 - 140,000 - - 140,000 2052 12/1/2023 - 255,000 - - 255,000 2052 3/1/2024 - 245,000 - - 245,000 2052 4/1/2024 - 315,000 - - 315,000 2052 6/1/2024 - 15,000 - - 15,000 2052							_		
8/1/2023 - 305,000 - - 305,000 2052 11/1/2023 - 140,000 - - 140,000 2052 12/1/2023 - 255,000 - - 255,000 2052 3/1/2024 - 245,000 - - 245,000 2052 4/1/2024 - 315,000 - - 315,000 2052 6/1/2024 - 15,000 - - 15,000 2052					_				
11/1/2023 - 140,000 - - 140,000 2052 12/1/2023 - 255,000 - - 255,000 2052 3/1/2024 - 245,000 - - 245,000 2052 4/1/2024 - 315,000 - - 315,000 2052 6/1/2024 - 15,000 - - 15,000 2052					-				
12/1/2023 - 255,000 - - 255,000 2052 3/1/2024 - 245,000 - - 245,000 2052 4/1/2024 - 315,000 - - 315,000 2052 6/1/2024 - 15,000 - - 15,000 2052					-				
3/1/2024 - 245,000 - - 245,000 2052 4/1/2024 - 315,000 - - 315,000 2052 6/1/2024 - 15,000 - - 15,000 2052			-		-		-		
4/1/2024 - 315,000 - - 315,000 2052 6/1/2024 - 15,000 - - 15,000 2052			-		-		-		
6/1/2024 - 15,000 15,000 2052			-				-		
		4/1/2024	-	315,000	-		-	315,000	2052
Total 2022 A - 2,575,000 - 2,575,000		6/1/2024	<u>-</u>	15,000	<u>-</u>		<u>- </u>	15,000	2052
	Total 2022 A		-	2,575,000	-		-	2,575,000	



Series	Bond Call Date	Unexpended Proceeds	Revenues (including Prepayments)	Reserve Excess	Other	Total	Bonds Called	Maturity Date(s) of Bond(s) Called
2022 C	7/1/2022	\$ -	\$ 570,000	\$ - \$	-	\$	570,000	2023-2028, 2031-2034, 2037, 2043 & 2052
	10/1/2022	-	320,000	-	-		320,000	2052
	11/1/2022	-	110,000	-	-		110,000	2052
	12/1/2022	-	170,000	-	-		170,000	2025-2028, 2037, 2043 & 2052
	1/1/2023		390,000	-	-		390,000	2023-2028, 2031-2034, 2037, 2043 & 2052
	2/1/2023		110,000	-	-		110,000	2052
	4/1/2023		35,000	-	-		35,000	2052
	6/1/2023		15,000	-	-		15,000	2052
	7/1/2023		285,000	-	-		285,000	2052
	8/1/2023		425,000	-	-		425,000	2052
	10/1/2023	-	355,000	-	-		355,000	2052
	1/1/2024	-	980,000	-	-		980,000	2052
	2/1/2024	-	325,000		-		325,000	2052
	5/1/2024	-	50,000	-	-		50,000	2052
	6/1/2024	-	400,000	-	-		400,000	2052
Total 2022 C		-	4,540,000	-	-		4,540,000	
2022 D	7/1/2022	\$ -	\$ 215,000	\$ - \$	-	\$	215,000	2052
	10/1/2022	-	325,000	-	-		325,000	2052
	11/1/2022	-	90,000	-	-		90,000	2052
	12/1/2022	-	90,000	-	-		90,000	2052
	1/1/2023	-	205,000	-	-		205,000	2052
	2/1/2023	-	130,000	-	-		130,000	2052
Total 2022 D		-	1,055,000	-	-		1,055,000	
2022 E	11/1/2022	\$ -	\$ 40,000	\$ - \$	-	\$	40,000	2025-2026, 2030, 2037 & 2041
	12/1/2022	-	580,000	-	-		580,000	2023-2029, 2032-2033, 2030, 2031, 2037 & 2041
	3/1/2023	-	75,000	-	-		75,000	2025-2028, 2030, 2031, 2037 & 2041
	5/1/2023	-	180,000	-	-		180,000	2023-2029, 2032-2033, 2030, 2031, 3037 & 2041
	6/1/2023	-	10,000	-	-		10,000	2026 & 2037
	7/1/2023	-	75,000	-	-		75,000	2025-2028, 2030, 2031, 2037 & 2041
	8/1/2023	-	70,000	-	-		70,000	2025-2028, 2030, 2031, 2037 & 2041
	10/1/2023	-	60,000	-	-		60,000	2025-2028, 2030, 2031, 2037 & 2041
	11/1/2023	-	170,000	-	-		170,000	2024-2029, 2032-2033, 2031, 2037 & 2041
	1/1/2024	-	10,000	-	-		10,000	2025 & 2037
	2/1/2024	-	330,000	-	-		330,000	2024-2029, 2032-2033, 2030, 2031, 2037 & 2041
	5/1/2024	-	145,000	-	-		145,000	2024-2029, 2032-2033, 2030, 2031, 2037 & 2041
Total 2022 E		-	1,745,000	-	-		1,745,000	
2022 G	1/1/2023	\$ -	\$ 140,000	\$ - \$	-	\$	140,000	2026-2034, 2037 & 2039
	2/1/2023	-	35,000	-	-		35,000	2033-2034, 2037 & 2039
	4/1/2023	-	15,000	-	-		15,000	2034 & 2037
	5/1/2023	-	230,000	-	-		230,000	2023-2034, 2037 & 2039
	7/1/2023	-	40,000	-	-		40,000	2032-2034, 2037 &2039
	1/1/2024	-	960,000	-	-		960,000	2047
	2/1/2024	-	220,000	-	-		220,000	2047
	5/1/2024	-	300,000	-			300,000	2047
Total 2022 G		-	1,940,000	-	-		1,940,000	



Series	Bond Call Date	Unexpended Proceeds	Revenues (including Prepayments)	Reserve Excess	Other	Total	Bonds Called	Maturity Date(s) of Bond(s) Called
2022 I	4/1/2023	\$ -	\$ 265,000	\$ - \$	-	\$	265,000	2053
	6/1/2023	-	290,000	-	-		290,000	2053
	7/1/2023	-	245,000	-	-		245,000	2053
	8/1/2023	-	105,000	-	-		105,000	2053
	1/1/2024	-	550,000	-	-		550,000	2053
Total 2022 I		-	1,455,000	-	-		1,455,000	
2022 J	7/1/2023	\$ -	\$ 20,000	\$ - \$	-	\$	20,000	2032-2033, 2040 & 2045
	12/1/2023	-	355,000	-	-		355,000	2024-2033, 2034, 2040 & 2045
	5/1/2024	-	105,000	-	-		105,000	2030-2033, 2034, 2040 & 2045
Total 2022 J		-	480,000	-	-		480,000	
2022 M	5/1/2023	\$ -	\$ 80,000	\$ - \$	-	\$	80,000	2053
	6/1/2023	-	225,000	-	-		225,000	2053
	8/1/2023	-	225,000	-	-		225,000	2053
	2/1/2024	-	285,000	-	-		285,000	2053
	3/1/2024	-	255,000		-		255,000	2053
Total 2022 M		-	1,070,000	-	-		1,070,000	
2022N	4/1/2024	\$ -	\$ 560,000	\$ - \$	-	\$	560,000	2024-2032, 2033, 2038, 2043, 2048 & 2053
	5/1/2024	-	220,000	-	-		220,000	2029-2032, 2033, 2038, 2043, 2048 & 2053
	6/1/2024	-	170,000	-	-		170,000	2030-2032, 2033, 2038, 2043, 2048 & 2053
Total 2022 N		-	950,000	-	-		950,000	
2023 A	8/1/2023	\$ -	\$ 20,000	\$ - \$	_	\$	20,000	2031-2032
Total 2023 A		-	20,000	-	-		20,000	
2023 B	6/1/2023	\$ -	\$ 10,000	\$ - \$	-	\$	10,000	2053
	8/1/2023	-	60,000	-	-		60,000	2035, 2038, 2043, 2045 & 2053
Total 2023 B		-	70,000	-	-		70,000	
2023 C	8/1/2023	\$ -	\$ 35,000	\$ - \$	-	\$	35,000	2033, 2038, 2043, 2048 & 2053
	12/1/2023	-	45,000	-	-		45,000	2033, 2038, 2043, 2048 & 2053
	1/1/2024	-	45,000	-	-		45,000	2033, 2038, 2043, 2048 & 2053
Total 2023 C		-	125,000	-	-		125,000	
2023 D	8/1/2023		\$ 70,000	\$ - \$	-		70,000	2053
	1/1/2024		35,000	-	-		35,000	2053
	2/1/2024		15,000	-	-		15,000	2053
	3/1/2024		290,000	-	-		290,000	2053
	4/1/2024	-	30,000	-	-		30,000	2053
Total 2023 D		-	440,000	-	-		440,000	
2023 E	4/1/2024	\$ -	\$ 330,000	\$ - \$	-	\$	330,000	2028-2033, 2038, 2043, 2048 & 2053
	6/1/2024	-	95,000	-	-		95,000	2032-2033, 2038, 2043, 2048 & 2053
Total 2023 E		-	425,000	-	-		425,000	



Series	Bond Call Date	Unexpended Proceeds	Revenues (including Prepayments)	Reserve Excess	Other	Tot	al Bonds Called	Maturity Date(s) of Bond(s) Called
2022 E	4/4/2024	¢.	\$ 220,000	\$ - \$		c	220.000	2053
2023 F	1/1/2024 2/1/2024	- -		5 - 5		- \$ -	220,000 120,000	2053
Total 2023 F	2/1/2024	<u>-</u>	340,000	-		-	340,000	2000
2023 G	11/1/2023	\$ -	\$ 45,000	\$ - \$		- \$	45,000	2032, 2038, 2043, 2048 & 2053
	3/1/2024	-	40,000	-		-	40,000	2032, 2038, 2043 ,2048 & 2053
	4/1/2024	-	580,000	-		-	580,000	2024-2032, 2038, 2043, 2048 & 2053
	5/1/2024	-	505,000	-		-	505,000	2025-2032, 2038, 2043, 2048 & 2053
	6/1/2024	-	180,000	-		-	180,000	2030-2032, 2038, 2043, 2048 & 2053
Total 2023 G		-	1,350,000	-		-	1,350,000	
2023 H	1/1/2024	\$ -	\$ 45,000	\$ - \$		- \$	45,000	2053
	2/1/2024	-	260,000	-		-	260,000	2026-2033, 2038 & 2043
	4/1/2024	-	720,000	-		-	720,000	2026-2033, 2038 & 2043
	5/1/2024	-	530,000	-		-	530,000	2026-2033, 2038 & 2043
	6/1/2024	-	230,000	-		-	230,000	2026-2033, 2038 & 2043
Total 2023 H		-	1,785,000	-		-	1,785,000	
2023 J	2/1/2024	\$ -	+ -,	\$ - \$		- \$	5,000	2054
	4/1/2024	-	340,000	-		-	340,000	2026-2033, 2038, 2043 & 2048
	6/1/2024	-	780,000	-		-	780,000	2026-2033, 2038, 2043 & 2048
Total 2023 J		-	1,125,000	-		-	1,125,000	
2023 L	1/1/2024	\$ -	\$ 25,000	\$ - \$		- \$	25,000	2027, 2038, 2044 & 2053
	2/1/2024	-	340,000	-		-	340,000	2026-2033, 2038 & 2044
	4/1/2024		410,000	-		-	410,000	2026-2033, 2038 & 2044
	5/1/2024	-	250,000	-		-	250,000	2026-2033, 2038 & 2044
	6/1/2024	-	430,000	-		-	430,000	2026-2033, 2038 & 2044
Total 2023 L		-	1,455,000	-		-	1,455,000	
2023 P	4/1/2024	\$ -	\$ 90,000	\$ - \$		- \$	90,000	2026-2027, 2033, 2038, 2043 & 2048
	5/1/2024	-	60,000	-		-	60,000	2026-2027, 2038, 2043 & 2048
	6/1/2024	-	80,000	-		-	80,000	2026-2027, 2033, 2038, 2043 & 2048
Total 2023 P		-	230,000	-		-	230,000	
2023 U	4/1/2024	-	\$ 115,000	\$ - \$		- \$	115,000	2034, 2039 & 2043
	5/1/2024	-	185,000	-		-	185,000	2034, 2039 & 2043
	6/1/2024	-	175,000	-		-	175,000	2034, 2039 & 2043
Total 2023 U		-	475,000	-		-	475,000	
2024 B	6/1/2024	\$ -	\$ 195,000	\$ - \$		- \$	195,000	2027-2028, 2034, 2039, 2044, 2049 & 2051
Total 2024 B		-	195,000	-		-	195,000	
Total		\$ -	\$ 1,278,465,686	\$ 20,774,098 \$	3,105,2	216 \$	1,302,345,000	

Residential Housing Finance Bond Resolution Interest Rate Swaps Information as of June 30, 2024



Associated Bond <u>Series</u>	06/30/2024 Notional <u>Amounts</u>	Effective Date	Swap Maturity Date	Fixed Rate <u>Payable</u>	Variable Rate <u>Receivable</u>	06/30/2024 GASB72 Fair <u>Value¹</u>
		Counterparty: The I	Bank of New York Mell	on		
	Moody	's Aa2 (positive outlook) / \$	Standard & Poor's AA- (stable outlook	()	
RHFB 2018D	\$19,625,000	June 28, 2018	January 1, 2045	3.1875%	70% of SOFR ² + 0.51014%	\$1,679,209
RHFB 2019H	40,840,000	September 11, 2019	January 1, 2047	2.1500%	100% SOFR ² + 0.11448%	10,121,249
RHFB 2022D	25,000,000	March 16, 2022	January 1, 2044	2.2050%	100% 1D SOFR ²	5,163,706
RHFB 2022F	10,000,000	May 12, 2022	July 1, 2030	2.5100%	100% 1D SOFR ²	944,605
RHFB 2022F	25,000,000	May 12, 2022	July 1, 2052	3.2375%	100% 1D SOFR ²	4,376,692
RHFB 2023I	30,000,000	July 26, 2023	January 1, 2050	4.5450%	100% SOFR ² + 0.11448%	1,958,393
RHFB 2023K	20,000,000	August 24, 2023	July 1, 2050	4.8975%	100% SOFR ² + 0.11448%	1,159,318
RHFB 2023Q	30,000,000	October 12, 2023	January 1, 2048	4.8775%	100% SOFR ² + 0.11448%	493,826
	\$200,465,000					\$25,896,999

Residential Housing Finance Bond Resolution Interest Rate Swaps Information as of June 30, 2024



Associated Bond <u>Series</u>	06/30/2024 Notional <u>Amounts</u>	<u>Effective Date</u> Counterparty: R	<u>Swap Maturity Date</u> Royal Bank of Canada	Fixed Rate <u>Payable</u>	Variable Rate <u>Receivable</u>	06/30/2024 GASB72 Fair <u>Value¹</u>
	Mood	y's Aa1 (stable outlook) / S	standard & Poor's AA- (s	table outlook)		
RHFB 2015D	13,460,000	August 11, 2015	January 1, 2046	2.343%	67% of SOFR ² + 0.07670%	1,382,782
RHFB 2015G	27,710,000	December 8, 2015	January 1, 2034	1.953%	67% of SOFR ² + 0.07670%	1,881,366
RHFB 2016F	36,800,000	December 22, 2016	January 1, 2041	2.175%	67% of SOFR ² + 0.07670%	3,044,427
RHFB 2018H	28,820,000	December 12, 2018	July 1, 2041	2.8035%	70% of SOFR ² + 0.08014%	1,642,989
RHFB 2019D	32,425,000	April 11, 2019	January 1, 2042	2.4090%	70% of SOFR ² + 0.08014%	2,778,893
RHFB 2022H	50,000,000	October 1, 2022	January 1, 2049	3.7395%	100% 1D SOFR ²	6,138,693
RHFB 2022K	25,000,000	September 29, 2022	July 1, 2053	4.1775%	100% 1D SOFR ²	2,537,537
RHFB 2023M	30,000,000	September 14, 2023	January 1, 2050	4.8455%	100% SOFR ² + 0.11448%	488,237
	\$244,215,000					\$19,894,926

Residential Housing Finance Bond Resolution Interest Rate Swaps Information as of June 30, 2024



Associated Bond <u>Series</u>	06/30/2024 Notional <u>Amounts</u>	Effective Date Counterparty: V's Aa2 (negative outlook)	Swap Maturity Date Wells Fargo Bank, NA	Fixed Rate Payable	Variable Rate <u>Receivable</u>	06/30/2024 GASB72 Fair <u>Value¹</u>
	Wiood	y 3 Maz (negative outlook) /	Clandara & 1 COI 3 711 (Stable datioon	,	
RHFB 2017C	30,430,000	January 1, 2019	January 1, 2038	2.180%	67% of SOFR ² + 0.07670%	2,155,903
RHFB 2017F	31,865,000	December 21, 2017	January 1, 2041	2.261%	67% of SOFR ² + 0.07670%	2,658,039
	\$62,295,000					\$4,813,942

Residential Housing Finance Bond Resolution Interest Rate Swaps Information as of June 30, 2024



Associated Bond <u>Series</u>	06/30/2024 Notional <u>Amounts</u>		Swap Maturity Date Bank of America, NA	Fixed Rate <u>Payable</u>	Variable Rate <u>Receivable</u>	06/30/2024 GASB72 Fair <u>Value¹</u>
	Moody	's Aa1 (negative outlook) /	Standard & Poor's A+ (stable outlook)		
RHFB 2023T	\$43,750,000	November 30, 2023	January 1, 2054	5.062%	100% SOFR ² + 0.11448%	136,526
RHFB 2023V	26,250,000	December 13, 2023	July 1, 2050	5.084%	100% SOFR ² + 0.11448%	2,483
RHFB 2024C	20,000,000	February 8, 2024	January 1, 2054	4.693%	100% SOFR ² + 0.11448%	606,556
RHFB 2024E	20,000,000	March 28, 2024	January 1, 2050	4.623%	100% SOFR ² + 0.11448%	588,327
RHFB 2024I	25,000,000	May 1, 2024	July 1, 2054	4.991%	100% SOFR ² + 0.11448%	257,323
RHFB 2024K	15,000,000	May 30, 2024	January 1, 2051	4.932%	100% SOFR ² + 0.11448%	112,531
RHFB 2024N		7/2/2024 ³	January 1, 2055	5.011%	100% SOFR ² + 0.11448%	145,518
	\$150,000,003					\$1,849,263
	\$656,975,003					\$52,455,129

¹A positive fair value represents money due to the Agency by the counterparty upon an assumed termination on June 30, 2024. A negative number represents money payable by the Agency. The fair values as of June 30, 2024 were calculated by a consultant engaged by the Agency.

²Secured Overnight Financing Rate

³Trade date for a notional amount to be \$40,000,000 is June 11, 2024



Residential Housing Finance Bonds, 2007 Series M

Taxable

						Principal Matured/				
CUSIP**	Maturity Date	Bond Type	Interest Rate	0	riginal Amounts	Sinking Fund	Princip	oal Redemptions	Principal Outstanding	Call Priority
60415NR20	1/1/2038	Pass Through (a)	6.345	\$	70,000,000 \$		- \$	62,150,000	7,850,000	None
				\$	70,000,000 \$		- \$	62,150,000	7,850,000	

(a): 2007 Series M bonds are subject to mandatory redemption, in whole or in part, on each January 1 and July 1, commencing January 1, 2008, from mortgage prepayments and repayments allocable to the 2007 Series M Bonds.

Optional Redemption: 2007 Series M bonds are also subject to redemption at the option of the Agency as a whole, but not in part, on any date on which not greater than \$7,000,000 in aggregate principal amount of 2007 Series M bonds would otherwise remain outstanding at a redemption price equal to the principal amount thereof plus accrued interest.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2013 Series C

Non-AMT

						Principal Matured/			Call Priority (Note A
CUSIP**	Maturity Date	Bond Type	Interest Rate	Orig	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	and B)
	7/1/2019	Serial	1.800	\$	275,000 \$	200,000	\$ 75,000 \$		- N/A
	1/1/2020	Serial	2.000		1,555,000	1,100,000	455,000		- N/A
	7/1/2020	Serial	2.100		1,580,000	1,065,000	515,000		- N/A
	1/1/2021	Serial	2.300		1,600,000	1,020,000	580,000		- N/A
	7/1/2021	Serial	2.350		1,625,000	925,000	700,000		- N/A
60416SCP3	1/1/2022	Serial	2.550		1,650,000	850,000	800,000		- N/A
60416SCQ1	7/1/2022	Serial	2.550		1,680,000	805,000	875,000		- N/A
60416SCR9	1/1/2023	Serial	2.750		1,710,000	800,000	910,000		- N/A
60416SCS7	7/1/2023	Serial	2.750		1,740,000	795,000	945,000		- N/A
60416SCT5	7/1/2033	Term (a)	3.600		8,180,000	-	4,425,000	3,755,000) 2
60416SCU2	7/1/2038	Term (b)	3.800		11,260,000	-	6,115,000	5,145,000) 2
60416SCV0	7/1/2043	Term (c)	3.900		9,455,000	-	5,130,000	4,325,000) 2
				\$	42,310,000 \$	7,560,000	\$ 21,525,000 \$	13,225,000)

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2013 Series A, 2013 Series B and 2013 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2013 Series A PAC Term bonds maturing July 1, 2031.

Optional Redemption: Bonds with stated maturities on or after July 1, 2023, in whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2023 and thereafter - 100%.

- (a): Sinking fund redemptions begin July 1, 2031.
- (b): Sinking fund redemptions begin January 1, 2034.
- (c): Sinking fund redemptions begin January 1, 2039.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2014 Series A

Non-AMT

						Principal Matured/				Call Priorit	y (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal Redemp	ions	Principal Outstanding	A a	nd B)
	1/1/2015	Serial	0.250	\$	1,045,000 \$	1,030,000	\$ 15	5,000 \$		- N	I/A
	7/1/2015	Serial	0.350		1,110,000	1,070,000	40	0,000		- N	I/A
	1/1/2016	Serial	0.450		1,175,000	1,020,000	15	5,000		- N	I/A
	7/1/2016	Serial	0.550		1,235,000	1,040,000	198	5,000		- N	I/A
	1/1/2017	Serial	0.850		1,280,000	935,000	345	5,000		- N	I/A
	7/1/2017	Serial	0.950		1,270,000	855,000	415	5,000		- N	I/A
	1/1/2018	Serial	1.250		1,260,000	725,000	538	5,000		- N	I/A
	7/1/2018	Serial	1.350		1,245,000	700,000	545	5,000		- N	I/A
	1/1/2019	Serial	1.650		1,235,000	565,000	670	0,000		- N	I/A
	7/1/2019	Serial	1.750		1,230,000	415,000	815	5,000		- N	I/A
	1/1/2020	Serial	2.100		1,220,000	280,000	940	0,000		- N	I/A
	7/1/2020	Serial	2.200		1,215,000	115,000	1,100	0,000		- N	I/A
	1/1/2021	Serial	2.500		1,210,000	-	1,210	0,000		- N	I/A
	7/1/2021	Serial	2.600		1,205,000	-	1,20	5,000		- N	I/A
60416SFQ8	1/1/2022	Serial	2.800		1,200,000	-	1,200	0,000		- N	I/A
60416SFR6	7/1/2022	Serial	2.900		1,200,000	-	1,200	0,000		- N	I/A
60416SFS4	1/1/2023	Serial	3.050		1,200,000	-	1,200	0,000		- N	I/A
60416SFT2	7/1/2023	Serial	3.100		1,200,000	-	1,200	0,000		- N	I/A
60416SFU9	1/1/2024	Serial	3.300		1,200,000	-	1,200	0,000		- N	I/A
60416SFW5	7/1/2024	Serial	3.350		1,200,000	-	1,200	0,000		- N	I/A
60416SFX3	1/1/2027	Term (a)	3.750		5,095,000	-	5,09	5,000		- N	I/A
60416SFV7	7/1/2038	Term (b)	4.000		20,770,000	-	20,26	5,000	505,0	00_	1
				\$	50,000,000 \$	8,750,000	\$ 40,745	5,000 \$	505,0	00	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2014 Series A.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2014 Series A PAC Term bonds maturing July 1, 2038.

Optional Redemption: Bonds with stated maturities on or after July 1, 2024, in whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2024 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2025.
- (b): Sinking fund redemptions begin January 1, 2027.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2014 Series B

Non-AMT

						Principal Matured/			Ca	II Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Oriç	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding		A and B	5)
	1/1/2015	Serial	0.200	\$	735,000	\$ 735,000	-	\$	-	N/A	
	7/1/2015	Serial	0.300		1,140,000	1,125,000	15,000		-	N/A	
	1/1/2016	Serial	0.450		1,200,000	1,120,000	80,000		-	N/A	
	7/1/2016	Serial	0.500		1,240,000	1,095,000	145,000		-	N/A	
	1/1/2017	Serial	0.850		1,255,000	1,010,000	245,000		-	N/A	
	7/1/2017	Serial	0.950		1,240,000	905,000	335,000		-	N/A	
	1/1/2018	Serial	1.200		1,230,000	770,000	460,000		-	N/A	
	7/1/2018	Serial	1.350		1,220,000	665,000	555,000		-	N/A	
	1/1/2019	Serial	1.600		1,210,000	480,000	730,000		-	N/A	
	7/1/2019	Serial	1.700		1,205,000	305,000	900,000		-	N/A	
	1/1/2020	Serial	2.000		1,195,000	155,000	1,040,000		-	N/A	
	7/1/2020	Serial	2.100		1,195,000		1,195,000		-	N/A	
	1/1/2021	Serial	2.350		1,190,000		1,190,000		-	N/A	
	7/1/2021	Serial	2.450		1,185,000		1,185,000		-	N/A	
60416SGN4	1/1/2022	Serial	2.700		1,185,000		1,185,000		-	N/A	
60416SGP9	7/1/2022	Serial	2.750		1,185,000		1,185,000		-	N/A	
60416SGQ7	1/1/2023	Serial	2.950		1,185,000		1,185,000		-	N/A	
60416SGR5	7/1/2023	Serial	2.950		1,185,000		1,185,000		-	N/A	
60416SGS3	1/1/2024	Serial	3.050		1,190,000		1,190,000		-	N/A	
60416SGT1	7/1/2024	Serial	3.050		1,190,000		1,190,000		-	N/A	
60416SGW4	1/1/2025	Serial	3.200		1,195,000		1,195,000		-	N/A	
60416SGX2	7/1/2025	Serial	3.200		1,200,000		1,200,000		-	N/A	
60416SGY0	1/1/2026	Serial	3.350		1,205,000		1,205,000		-	N/A	
60416SGU8	7/1/2026	Serial	3.350		380,000		380,000		-	N/A	
60416SGV6	1/1/2038	Term (a)	4.000		22,460,000		20,820,000	1,640,0	000	1	
				\$	50,000,000	\$ 8,365,000	39,995,000	\$ 1,640,0	000		

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2014 Series B.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2014 Series B PAC Term bonds maturing January 1, 2038.

Optional Redemption: Bonds with stated maturities on or after July 1, 2024, in whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2024 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2026.

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Residential Housing Finance Bonds, 2014 Series C

AMT

						Principal Matured/			Call Prior	rity (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A a	and B)
	7/1/2015	Serial	0.350	\$	3,315,000 \$	3,215,000	\$ 100,000 \$		-	N/A
	1/1/2016	Serial	0.500		3,380,000	3,090,000	290,000		-	N/A
	7/1/2016	Serial	0.600		3,120,000	2,760,000	360,000		-	N/A
	1/1/2017	Serial	0.950		3,215,000	2,630,000	585,000		-	N/A
	7/1/2017	Serial	1.050		3,300,000	2,565,000	735,000		-	N/A
	1/1/2018	Serial	1.300		3,350,000	2,465,000	885,000		-	N/A
	7/1/2018	Serial	1.400		3,400,000	2,415,000	985,000		-	N/A
	1/1/2019	Serial	1.700		3,460,000	2,345,000	1,115,000		-	N/A
	7/1/2019	Serial	1.800		3,510,000	2,265,000	1,245,000		-	N/A
	1/1/2020	Serial	2.050		3,560,000	2,185,000	1,375,000		-	N/A
	7/1/2020	Serial	2.150		665,000	390,000	275,000		-	N/A
60416SHQ6	7/1/2022	Serial	2.900		3,900,000	1,415,000	2,485,000		-	N/A
60416SHR4	1/1/2023	Serial	3.000		3,970,000	1,405,000	2,565,000		-	N/A
60416SHS2	7/1/2023	Serial	3.050		4,060,000	1,435,000	2,625,000	-		N/A
60416SHT0	1/1/2024	Serial	3.125		4,145,000	1,450,000	2,695,000	-		N/A
60416SHU7	7/1/2024	Serial	3.125		4,240,000	-	2,750,000	1,490,00	00	2
60416SHV5	1/1/2025	Serial	3.200		4,330,000	-	2,810,000	1,520,00	00	2
60416SHX1	1/1/2045	Term (a)	4.000		84,225,000	-	75,335,000	8,890,00	00	1
				\$	143,145,000 \$	32,030,000	\$ 99,215,000 \$	11,900,00	00	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2014 Series C, 2014 Series D and 2014 Series E.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2014 Series C PAC Term bonds maturing January 1, 2045.

Optional Redemption: Bonds with stated maturities on or after January 1, 2025, in whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2024 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2032.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2014 Series D

Non-AMT

					Prin	ncipal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Orig	ginal Amounts S	Sinking Fund	Princ	pal Redemptions	Principal Outstanding	A and E	3)
60416SHZ6	7/1/2025	Serial	3.000	\$	4,425,000 \$		- \$	2,860,000	\$ 1,565,000	2	
60416SHY9	1/1/2026	Serial	3.100		2,160,000		-	1,405,000	755,000	_ 2	
				\$	6,585,000 \$		- \$	4,265,000	\$ 2,320,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2014 Series C, 2014 Series D and 2014 Series E.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2014 Series C PAC Term bonds maturing January 1, 2045.

Optional Redemption: Bonds with stated maturities on or after January 1, 2025, in whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2024 and thereafter - 100%.

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Residential Housing Finance Bonds, 2014 Series E

Non-AMT

						Principal Matured/			Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	(Original Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and I	3)
	7/1/2020	Serial	2.000	\$	2,955,000 \$	1,720,000	\$ 1,235,000	\$	- N/A	
	1/1/2021	Serial	2.200		3,660,000	1,870,000	1,790,000		- N/A	
	7/1/2021	Serial	2.300		3,720,000	1,585,000	2,135,000		- N/A	
60416SHW3	1/1/2022	Serial	2.600		3,815,000	1,440,000	2,375,000		- N/A	
60416SJC5	1/1/2026	Serial	3.100		2,375,000	-	1,535,000	840,00	0 2	
60416SJD3	7/1/2026	Serial	3.100		4,580,000	-	2,965,000	1,615,00	0 2	
60416SJA9	7/1/2029	Term (a)	3.350		29,485,000	-	19,090,000	10,395,00	0 2	
60416SJB7	1/1/2032	Term (b)	3.500		25,410,000	-	16,455,000	8,955,00	0 2	
				\$	76,000,000 \$	6,615,000	\$ 47,580,000	\$ 21,805,00	0	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2014 Series C, 2014 Series D and 2014 Series E.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2014 Series C PAC Term bonds maturing January 1, 2045.

Optional Redemption: Bonds with stated maturities on or after January 1, 2025, in whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2024 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2027.
- (b): Sinking fund redemptions begin January 1, 2030.

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Residential Housing Finance Bonds, 2015 Series A

AMT

					P	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	C	riginal Amounts	Sinking Fund	Princip	pal Redemptions	Principal Outstanding	A and E	3)
60416SKD1	1/1/2041	Term(a)	4.000	\$	43,070,000 \$		- \$	41,630,000 \$	1,440,000	1	
				\$	43,070,000 \$		- \$	41,630,000 \$	1,440,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2015 Series A, 2015 Series B, 2015 Series C and 2015 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2015 Series A PAC Term bonds maturing January 1, 2041.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2025 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2031.

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Residential Housing Finance Bonds, 2015 Series D

AMT

					F	Principal Matured/				Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principa	al Redemptions	Principal Outstanding	A and B)
60416SLE8	1/1/2046	Term (a)	Variable*	\$	18,225,000 \$		- \$	4,765,000 \$	13,460,000	2
				\$	18,225,000 \$		- \$	4,765,000 \$	13,460,000	_

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2015 Series A, 2015 Series B, 2015 Series C and 2015 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2015 Series A PAC Term bonds maturing January 1, 2041.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: August 12, 2015 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2041.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2024 was 3.90%.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2015 Series E

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	Final Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call F	Priority (Note A and B)
	7/1/2016	Serial	0.600	\$	1,800,000 \$	1,790,000	\$ 10,000 \$	\$	-	N/A
	1/1/2017	Serial	1.000		2,220,000	2,035,000	185,000		-	N/A
	7/1/2017	Serial	1.110		2,240,000	1,840,000	400,000		-	N/A
	1/1/2018	Serial	1.250		2,270,000	1,660,000	610,000		-	N/A
	7/1/2018	Serial	1.350		2,295,000	1,610,000	685,000		-	N/A
	1/1/2019	Serial	1.650		2,325,000	1,450,000	875,000		-	N/A
	7/1/2019	Serial	1.750		2,360,000	1,350,000	1,010,000		-	N/A
	1/1/2020	Serial	1.900		2,395,000	1,225,000	1,170,000		-	N/A
	7/1/2020	Serial	2.000		2,435,000	1,020,000	1,415,000		-	N/A
	1/1/2021	Serial	2.150		2,475,000	650,000	1,825,000		-	N/A
	7/1/2021	Serial	2.250		2,515,000	145,000	2,370,000		-	N/A
60416SMW7	1/1/2022	Serial	2.350		2,560,000	10,000	2,550,000		-	N/A
60416SMX5	7/1/2022	Serial	2.450		2,610,000	-	2,610,000		-	N/A
60416SMY3	1/1/2023	Serial	2.650		1,930,000	-	1,930,000		-	N/A
60416SMZ0	1/1/2046	Term(a)	3.500		64,500,000	-	57,735,000	6,765,0	00	1
				\$	96,930,000 \$	14,785,000	\$ 75,380,000 \$	6,765,0	00	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2015 Series E, 2015 Series F and 2015 Series G.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2015 Series E PAC Term bonds maturing January 1, 2046.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2025 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2034.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2015 Series G

Non-AMT

					F	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	C	riginal Amounts	Sinking Fund	Princip	oal Redemptions	Principal Outstanding	A and E	3)
60416SMG2	1/1/2034	Term (a)	Variable [*]	\$	35,000,000 \$		- \$	7,290,000 \$	27,710,000	2	
				\$	35,000,000 \$		- \$	7,290,000 \$	27,710,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2015 Series E, 2015 Series F and 2015 Series G.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2015 Series E PAC Term bonds maturing January 1, 2046.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: December 9, 2015 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2029.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2024 was 3.85%.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2016 Series A

AMT

						Principal Matured/			Call Priority	/ (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A an	id B)
	1/1/2017	Serial	0.850	\$	695,000 \$	660,000	\$ 35,000 \$		- N	/A
	7/1/2017	Serial	0.950		1,125,000	980,000	145,000		- N	/A
	1/1/2018	Serial	1.050		1,140,000	940,000	200,000		- N	/A
	7/1/2018	Serial	1.100		1,145,000	910,000	235,000		- N	/A
	1/1/2019	Serial	1.250		1,590,000	1,185,000	405,000		- N	/A
	7/1/2019	Serial	1.300		1,600,000	1,140,000	460,000		- N	/A
	1/1/2020	Serial	1.500		1,625,000	1,095,000	530,000		- N	/A
	7/1/2020	Serial	1.550		1,650,000	1,045,000	605,000		- N	/A
	1/1/2021	Serial	1.700		1,670,000	850,000	820,000		- N	/A
	7/1/2021	Serial	1.750		1,700,000	665,000	1,035,000		- N	/A
60416SNX4	1/1/2022	Serial	1.950		1,725,000	540,000	1,185,000		- N	/A
60416SNY2	7/1/2022	Serial	2.000		1,750,000	435,000	1,315,000		- N	/A
60416SNZ9	1/1/2023	Serial	2.100		1,790,000	435,000	1,355,000		- N	/A
60416SPA2	7/1/2023	Serial	2.150		1,820,000	435,000	1,385,000	-	N	/A
60416SPB0	1/1/2024	Serial	2.250		1,845,000	430,000	1,415,000	-	N	/A
60416SPC8	7/1/2024	Serial	2.300		1,885,000	-	1,440,000	445,0	00 2	<u> </u>
60416SPD6	1/1/2025	Serial	2.450		1,920,000	-	1,465,000	455,0	00 2	<u> </u>
60416SPE4	7/1/2025	Serial	2.500		1,960,000	-	1,500,000	460,0	00 2	<u> </u>
60416SPF1	1/1/2026	Serial	2.650		1,995,000	-	1,530,000	465,0	00 2	<u> </u>
60416SPG9	7/1/2026	Serial	2.700		2,040,000	-	1,565,000	475,0	00 2	2
60416SPH7	7/1/2031	Term (a)	3.100		23,180,000	-	17,670,000	5,510,0	00 2	2
60416SPJ3	1/1/2033	Term (b)	3.200		7,285,000	-	5,555,000	1,730,0	00	2
				\$	63,135,000 \$	11,745,000	\$ 41,850,000 \$	9,540,0	00_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues constituting Tax-Exempt Receipts of 2016 Series A, 2016 Series B and 2016 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called from Tax-Exempt Receipts after satisfying the cumulative redemption schedule requirements for the 2016 Series B PAC Term bonds maturing July 1, 2046. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2025 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2027.
- (b): Sinking fund redemptions begin January 1, 2032.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2016 Series B

Non-AMT

					Pr	rincipal Matured/				Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Princi	pal Redemptions	Principal Outstanding	A and B)
60416SPK0	7/1/2035	Term (a)	3.100	\$	15,680,000 \$		- \$	11,960,000 \$	3,720,000	2
60416SPL8	1/1/2037	Term (b)	3.150		9,850,000		-	7,505,000	2,345,000	2
60416SPM6	7/1/2046	Term (c)	3.500		49,455,000		-	42,095,000	7,360,000	_ 1
				\$	74,985,000 \$		- \$	61,560,000 \$	13,425,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues constituting Tax-Exempt Receipts of 2016 Series A, 2016 Series B and 2016 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called from Tax-Exempt Receipts after satisfying the cumulative redemption schedule requirements for the 2016 Series B PAC Term bonds maturing July 1, 2046. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2025 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2033.
- (b): Sinking fund redemptions begin January 1, 2036.
- (c): Sinking fund redemptions begin July 1, 2037.

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Residential Housing Finance Bonds, 2016 Series C

Taxable

						Principal Matured/			Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and	B)
	1/1/2017	Serial	1.200	\$	600,000 \$	540,000	\$ 60,000 \$		- N/A	4
	1/1/2018	Serial	1.550		1,200,000	900,000	300,000		- N/A	4
	1/1/2019	Serial	1.850		815,000	505,000	310,000		- N/A	4
	1/1/2020	Serial	2.200		425,000	260,000	165,000		- N/A	4
	1/1/2021	Serial	2.450		450,000	215,000	235,000		- N/A	4
60416SPT1	1/1/2022	Serial	2.700		470,000	150,000	320,000		- N/A	4
60416SPU8	1/1/2023	Serial	2.900		500,000	115,000	385,000		- N/A	4
60416SPV6	1/1/2024	Serial	3.050		530,000	105,000	425,000		- N/A	4
60416SPW4	1/1/2025	Serial	3.250		560,000	-	460,000	100,00	00 2	
60416SPX2	1/1/2026	Serial	3.350		590,000	-	485,000	105,00	00 2	
60416SPY0	7/1/2031	Term (a)	3.800		3,900,000	-	3,170,000	730,00	00 2	
60416SPZ7	7/1/2037	Term (b)	4.200		5,550,000	-	4,545,000	1,005,00	002	
				\$	15,590,000 \$	2,790,000	\$ 10,860,000 \$	1,940,00	00	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues constituting Tax-Exempt Receipts of 2016 Series A, 2016 Series B and 2016 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called from Tax-Exempt Receipts after satisfying the cumulative redemption schedule requirements for the 2016 Series B PAC Term bonds maturing July 1, 2046. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2025 and thereafter - 100%.

- (a): Sinking fund redemptions begin July 1, 2026.
- (b): Sinking fund redemptions begin January 1, 2032.

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Residential Housing Finance Bonds, 2016 Series E

Non-AMT

						Principal Matured/			•	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)	
	1/1/2021	Serial	2.000	\$	1,590,000 \$	605,000	\$ 985,000	\$ -	N/A	
	7/1/2021	Serial	2.100		1,745,000	175,000	1,570,000	-	N/A	
60416SSP6	1/1/2022	Serial	2.300		1,775,000	175,000	1,600,000	-	N/A	
60416SSQ4	7/1/2022	Serial	2.400		1,810,000	130,000	1,680,000	-	N/A	
60416SSR2	1/1/2023	Serial	2.500		1,840,000	-	1,840,000	-	N/A	
60416SSS0	7/1/2023	Serial	2.600		1,875,000	-	1,875,000	-	N/A	
60416SST8	1/1/2024	Serial	2.700		1,915,000	-	1,915,000	-	N/A	
60416SSU5	7/1/2024	Serial	2.800		1,955,000	-	1,955,000	-	N/A	
60416SSV3	1/1/2025	Serial	2.900		1,995,000	-	1,995,000	-	N/A	
60416SSW1	7/1/2025	Serial	2.950		2,040,000	-	2,040,000	-	N/A	
60416SSX9	1/1/2026	Serial	3.050		2,085,000	-	2,085,000	-	N/A	
60416SSY7	7/1/2026	Serial	3.100		2,130,000	-	2,130,000	-	N/A	
60416SSZ4	1/1/2027	Serial	3.200		2,175,000	-	2,175,000	-	N/A	
60416STA8	7/1/2027	Serial	3.250		2,225,000	-	2,225,000	-	N/A	
60416STB6	1/1/2031	Term(a)	3.700		14,320,000	-	14,320,000	-	N/A	
60416STC4	1/1/2047	Term (b)	4.000		33,530,000	-	29,550,000	3,980,00	00 1	
				\$	75,005,000 \$	1,085,000	\$ 69,940,000	\$ 3,980,00	00	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2016 Series D, 2016 Series E and 2016 Series F.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2016 Series E PAC Term bonds maturing January 1, 2047.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2026 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2028.
- (b): Sinking fund redemptions begin July 1, 2041.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2016 Series F

AMT

					F	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	C	Original Amounts	Sinking Fund	Princip	oal Redemptions	Principal Outstanding	A and E	3)
60416SSB7	1/1/2041	Term(a)	Variable*	\$	50,000,000 \$		- \$	13,200,000 \$	36,800,000	_ 2	
				\$	50,000,000 \$		- \$	13,200,000 \$	36,800,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2016 Series D, 2016 Series E and 2016 Series F.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2016 Series E PAC Term bonds maturing January 1, 2047.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: December 23, 2016 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2031.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2024 was 3.90%.

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Residential Housing Finance Bonds, 2017 Series B

Non-AMT

					Pr	rincipal Matured/				Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Princi	pal Redemptions	Principal Outstanding	A and B)
60416SUB4	7/1/2038	Term(a)	3.400	\$	3,730,000 \$		- \$	3,730,000	} -	N/A
60416SUC2	7/1/2047	Term (b)	4.000		33,660,000		-	27,025,000	6,635,000	<u>) </u>
				\$	37,390,000 \$		- \$	30,755,000	6,635,000	<u> </u>

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2017 Series A, 2017 Series B and 2017 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2017 Series B PAC Term bonds maturing July 1, 2047.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2027 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2038.
- (b): Sinking fund redemptions begin July 1, 2038.

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Residential Housing Finance Bonds, 2017 Series C

AMT

					F	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	С	riginal Amounts	Sinking Fund	Princip	al Redemptions	Principal Outstanding	A and E	3)
60416SUD0	1/1/2038	Term(a)	Variable*	\$	40,000,000 \$		- \$	9,570,000 \$	30,430,000	_ 2	
				\$	40,000,000 \$		- \$	9,570,000 \$	30,430,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2017 Series A, 2017 Series B and 2017 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2017 Series B PAC Term bonds maturing July 1, 2047.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 20, 2017 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2030.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2024 was 3.90%.

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Residential Housing Finance Bonds, 2017 Series E

Non-AMT

					Pri	incipal Matured/				Call Priority (Note	
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Princi	pal Redemptions	Principal Outstanding	A and B)	
60416SWC0	1/1/2034	Term(a)	3.300	\$	19,235,000 \$		- \$	19,235,000 \$	-	N/A	
60416SWD8	1/1/2048	Term (b)	4.000		43,840,000		-	30,885,000	12,955,000	_ 1	
				\$	63,075,000 \$		- \$	50,120,000 \$	12,955,000		

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2017 Series D, 2017 Series E and 2017 Series F.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2017 Series E PAC Term bonds maturing January 1, 2048.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2027 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2030.
- (b): Sinking fund redemptions begin July 1, 2038.

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Residential Housing Finance Bonds, 2017 Series F

Non-AMT

					F	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Oı	riginal Amounts	Sinking Fund	Princip	al Redemptions	Principal Outstanding	A and B	3)
60416SWE6	1/1/2041	Term(a)	Variable*	\$	40,000,000 \$		- \$	8,135,000 \$	31,865,000	2	
				\$	40,000,000 \$		- \$	8,135,000 \$	31,865,000	_ "	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2017 Series D, 2017 Series E and 2017 Series F.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2017 Series E PAC Term bonds maturing January 1, 2048.

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: December 22, 2017 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2034.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2024 was 3.85%.

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Residential Housing Finance Bonds, 2018 Series B

Non-AMT

					F	Principal Matured/			Call Pri	iority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Orig	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	1	A and B)
	7/1/2019	Serial	1.700	\$	100,000 \$	95,000	\$ 5,000	\$	-	N/A
	1/1/2020	Serial	1.800		100,000	85,000	15,000		-	N/A
	7/1/2020	Serial	1.900		100,000	70,000	30,000		-	N/A
	1/1/2021	Serial	2.000		100,000	35,000	65,000		-	N/A
	7/1/2021	Serial	2.100		100,000	-	100,000		-	N/A
60416SXJ4	1/1/2022	Serial	2.150		100,000	-	100,000		-	N/A
60416SXK1	7/1/2022	Serial	2.200		100,000	-	100,000		-	N/A
60416SXL9	1/1/2023	Serial	2.300		100,000	-	100,000		-	N/A
60416SXM7	7/1/2023	Serial	2.350		175,000	-	175,000		-	N/A
60416SXN5	1/1/2024	Serial	2.500		200,000	-	200,000		-	N/A
60416SXP0	7/1/2024	Serial	2.550		200,000	-	200,000		-	N/A
60416SXQ8	7/1/2033	Term (a)	3.450		5,380,000	-	5,380,000		-	N/A
60416SXR6	7/1/2037	Term (b)	3.650		11,950,000	-	11,950,000		-	N/A
60416SXS4	7/1/2048	Term (c)	4.000		24,975,000	-	14,100,000	10,875,0	00	1
				\$	43,680,000 \$	285,000	\$ 32,520,000	\$ 10,875,0	00	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues constituting Tax-Exempt Receipts of 2018 Series A, 2018 Series B, 2018 Series C and 2018 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called from Tax-Exempt Receipts after satisfying the cumulative redemption schedule requirements for the 2018 Series B PAC Term bonds maturing July 1, 2048. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2027 and thereafter - 100%.

- (a): Sinking fund redemptions begin July 1, 2032.
- (b): Sinking fund redemptions begin January 1, 2034.
- (c): Sinking fund redemptions begin January 1, 2045.

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Residential Housing Finance Bonds, 2018 Series D

Non-AMT

					F	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	C	Original Amounts	Sinking Fund	Princ	cipal Redemptions	Principal Outstanding	A and E	3)
60416SYR5	1/1/2045	Term(a)	Variable*	\$	35,000,000 \$		- \$	15,375,000 \$	19,625,000	3	
				\$	35,000,000 \$		- \$	15,375,000 \$	19,625,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues constituting Tax-Exempt Receipts of 2018 Series A, 2018 Series B, 2018 Series C and 2018 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #3 bonds called from Tax-Exempt Receipts after satisfying the cumulative redemption schedule requirements for the 2018 Series B PAC Term bonds maturing July 1, 2048 and, on or before January 1, 2023, if no call priority #2 bonds are outstanding. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2023 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2037.

*Interest on the bonds is adjusted weekly and equals the SIFMA Swap Index plus 0.43%. The interest rate on June 30, 2024 was 3.85%.

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Residential Housing Finance Bonds, 2018 Series E

Non-AMT

					1	Principal Matured/			Call Pri	ority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A	A and B)
	7/1/2019	Serial	2.000	\$	150,000 \$	150,000	\$ -	\$	-	N/A
60416SA42	7/1/2026	Serial	3.000		215,000	-	215,000		-	N/A
60416SA59	1/1/2027	Serial	3.100		1,195,000	-	1,195,000		-	N/A
60416SA67	7/1/2027	Serial	3.150		1,220,000	-	1,220,000		-	N/A
60416SA75	1/1/2028	Serial	3.300		1,245,000	-	1,245,000		-	N/A
60416SA83	7/1/2028	Serial	3.350		1,275,000	-	1,275,000		-	N/A
60416SA91	1/1/2029	Serial	3.400		1,305,000	-	1,305,000		-	N/A
60416SB25	7/1/2029	Serial	3.450		1,335,000	-	1,335,000		-	N/A
60416SB33	1/1/2030	Serial	3.550		1,365,000	-	1,365,000		-	N/A
60416SB41	7/1/2030	Serial	3.600		1,405,000	-	1,405,000		-	N/A
60416SB58	1/1/2033	Term(a)	3.800		6,840,000	-	6,840,000		-	N/A
60416SB66	1/1/2049	Term(b)	4.250		47,650,000	-	27,495,000	20,155,0	00_	1
				\$	65,200,000 \$	150,000	\$ 44,895,000	\$ 20,155,0	00	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2018 Series E, 2018 Series F, 2018 Series G and 2018 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2018 Series E PAC Term bonds maturing January 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2028 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2031.
- (b): Sinking fund redemptions begin July 1, 2041.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2018 Series G

Taxable

CUSIP**	Maturity Data	Dand Type	Interest Date	Orio		incipal Matured/	Dringing Dadomations	Dringing Outstanding	Call Priority (Note
COSIP	Maturity Date	Bond Type	Interest Rate	`	•	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)
	7/1/2019	Serial	3.100	\$	250,000 \$	250,000	\$ - \$		- N/A
	1/1/2020	Serial	3.150		265,000	265,000	-		- N/A
	7/1/2020	Serial	3.200		270,000	270,000	-		- N/A
	1/1/2021	Serial	3.310		275,000	235,000	40,000		- N/A
	7/1/2021	Serial	3.360		285,000	200,000	85,000		- N/A
60416SE30	1/1/2022	Serial	3.390		290,000	35,000	255,000		- N/A
60416SE48	7/1/2022	Serial	3.440		300,000	10,000	290,000		- N/A
60416SE55	1/1/2023	Serial	3.500		305,000	10,000	295,000		- N/A
60416SE63	7/1/2023	Serial	3.540		315,000	5,000	310,000		- N/A
60416SE71	1/1/2024	Serial	3.650		320,000	5,000	315,000		- N/A
60416SE89	7/1/2024	Serial	3.700		330,000	-	325,000	5,000	2
60416SE97	1/1/2025	Serial	3.750		340,000	-	335,000	5,000	2
60416SF21	7/1/2025	Serial	3.800		345,000	-	340,000	5,000) 2
60416SF39	1/1/2026	Serial	3.850		355,000	-	350,000	5,000) 2
60416SF47	7/1/2026	Serial	3.900		365,000	-	360,000	5,000) 2
60416SF54	1/1/2027	Serial	4.000		375,000	-	370,000	5,000) 2
60416SF62	7/1/2027	Serial	4.050		385,000	-	380,000	5,000	
60416SF70	1/1/2028	Serial	1.100		395,000	-	390,000	5,000) 2
60416SF88	7/1/2028	Serial	4.150		405,000	-	400,000	5,000	
60416SF96	1/1/2029	Serial	4.200		415,000	-	405,000	10,000	
60416SG20	7/1/2029	Serial	4.250		425,000	-	415,000	10,000	
60416SG38	7/1/2033	Term (a)	4.450		3,790,000	-	3,725,000	65,000	
60416SG46	7/1/2038	Term (b)	4.630		5,935,000	-	5,840,000	95,000	
60416SG53	1/1/2049	Term (c)	4.730		18,265,000		17,975,000	290,000	
				\$	35,000,000 \$	1,285,000	\$ 33,200,000 \$	515,000	<u> </u>

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2018 Series E, 2018 Series F, 2018 Series G and 2018 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2018 Series E PAC Term bonds maturing January 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2028 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2030.
- (b): Sinking fund redemptions begin January 1, 2034.
- (c): Sinking fund redemptions begin January 1, 2039.

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Residential Housing Finance Bonds, 2018 Series H

Non-AMT

					F	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	(Original Amounts	Sinking Fund	Princi	pal Redemptions	Principal Outstanding	A and E	3)
60416SG61	7/1/2041	Term(a)	Variable*	\$	35,000,000 \$		- \$	6,180,000 \$	28,820,000	3	
				\$	35,000,000 \$		- \$	6,180,000 \$	28,820,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2018 Series E, 2018 Series F, 2018 Series G and 2018 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #3 bonds called after satisfying the cumulative redemption schedule requirements for the 2018 Series E PAC Term bonds maturing January 1, 2049 and, on or before July 1, 2023, if no call priority #2 bonds are outstanding. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2023 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2033.

*Interest on the bonds is adjusted weekly and equals the SIFMA Swap Index plus 0.55%. The interest rate on June 30, 2024 was 3.85%.

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Residential Housing Finance Bonds, 2019 Series B

Non-AMT

						Principal Matured/			Call Prior	rity (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A	and B)
	7/1/2019	Serial	1.600	\$	240,000 \$	240,000	\$ - \$		-	N/A
	1/1/2020	Serial	1.650		1,345,000	1,270,000	75,000		-	N/A
	1/1/2021	Serial	1.750		1,355,000	615,000	740,000		-	N/A
60416SM23	1/1/2022	Serial	1.800		1,365,000	-	1,365,000		-	N/A
60416SM31	1/1/2023	Serial	1.950		1,380,000	-	1,380,000		-	N/A
60416SM49	1/1/2024	Serial	2.050		1,400,000	-	1,400,000		-	N/A
60416SM56	1/1/2025	Serial	2.150		1,415,000	-	1,415,000		-	N/A
60416SM64	7/1/2025	Serial	2.200		550,000	-	550,000		-	N/A
60416SM72	1/1/2026	Serial	2.350		1,440,000	-	1,440,000		-	N/A
60416SM80	7/1/2026	Serial	2.375		1,450,000	-	1,450,000		-	N/A
60416SM98	1/1/2027	Serial	2.500		1,470,000	-	1,470,000		-	N/A
60416SN22	7/1/2027	Serial	2.550		1,485,000	-	1,485,000		-	N/A
60416SN30	1/1/2028	Serial	2.650		1,470,000	-	1,470,000		-	N/A
60416SN48	7/1/2028	Serial	2.700		1,460,000	-	1,460,000		-	N/A
60416SN55	1/1/2029	Serial	2.850		2,430,000	-	2,430,000		-	N/A
60416SN63	7/1/2029	Serial	2.900		2,405,000	-	2,405,000		-	N/A
60416SN71	1/1/2030	Serial	3.000		2,375,000	-	2,375,000		-	N/A
60416SN89	7/1/2030	Serial	3.000		2,355,000	-	2,355,000		-	N/A
60416SN97	1/1/2031	Serial	3.100		2,400,000	-	2,400,000		-	N/A
60416SP20	7/1/2031	Serial	3.150		2,390,000	-	2,390,000		-	N/A
60416SP38	7/1/2033	Term (a)	3.300		8,565,000	-	8,565,000		-	N/A
60416SP46	7/1/2049	Term (b)	4.250		57,450,000	-	30,955,000	26,495,0	00_	1
				\$	98,195,000 \$	2,125,000	\$ 69,575,000 \$	26,495,0	00	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series A, 2019 Series B, 2019 Series C and 2019 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series B PAC Term bonds maturing July 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2028 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2032.
- (b): Sinking fund redemptions begin January 1, 2042.

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Residential Housing Finance Bonds, 2019 Series C

Taxable

						Principal Matured/			Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and	B)
	1/1/2020	Serial	2.625	\$	915,000 \$	910,000	\$ 5,000 \$		- N/A	
	7/1/2020	Serial	2.675		940,000	925,000	15,000		- N/A	
	1/1/2021	Serial	2.725		965,000	790,000	175,000		- N/A	
	7/1/2021	Serial	2.775		990,000	660,000	330,000		- N/A	
60416SH60	1/1/2022	Serial	2.847		1,015,000	265,000	750,000		- N/A	
60416SH78	7/1/2022	Serial	2.897		1,040,000	30,000	1,010,000		- N/A	
60416SH86	1/1/2023	Serial	2.942		1,070,000	30,000	1,040,000		- N/A	
60416SH94	7/1/2023	Serial	2.992		1,095,000	10,000	1,085,000		- N/A	
60416SJ27	1/1/2024	Serial	3.042		1,125,000	15,000	1,110,000		- N/A	
60416SJ35	7/1/2024	Serial	3.092		1,155,000	-	1,140,000	15,000	2	
60416SJ43	1/1/2025	Serial	3.207		1,190,000	-	1,175,000	15,000	2	
60416SJ50	7/1/2025	Serial	3.237		1,220,000	-	1,205,000	15,000	2	
60416SJ68	1/1/2026	Serial	3.317		1,250,000	-	1,235,000	15,000	2	
60416SJ76	7/1/2026	Serial	3.367		1,285,000	-	1,270,000	15,000	2	
60416SJ84	1/1/2027	Serial	3.471		1,315,000	-	1,300,000	15,000	2	
60416SJ92	7/1/2027	Serial	3.521		1,350,000	-	1,335,000	15,000	2	
60416SK25	1/1/2028	Serial	3.571		1,385,000	-	1,370,000	15,000	2	
60416SK33	7/1/2028	Serial	3.621		1,420,000	-	1,405,000	15,000	2	
60416SK41	1/1/2029	Serial	3.671		425,000	-	420,000	5,000	2	
60416SK58	7/1/2029	Serial	3.721		440,000	-	430,000	10,000	2	
60416SK66	7/1/2034	Term (a)	3.971		5,055,000	-	4,995,000	60,000	2	
60416SK74	7/1/2042	Term (b)	4.204		10,855,000	-	10,725,000	130,000	2	
				\$	37,500,000 \$	3,635,000	\$ 33,525,000 \$	340,000)_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series A, 2019 Series B, 2019 Series C and 2019 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series B PAC Term bonds maturing July 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2028 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2030.
- (b): Sinking fund redemptions begin January 1, 2035.

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Residential Housing Finance Bonds, 2019 Series D

Non-AMT

					F	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	C	Original Amounts	Sinking Fund	Princ	ipal Redemptions	Principal Outstanding	A and E	3)
60416SG87	1/1/2042	Term(a)	Variable*	\$	45,000,000 \$		- \$	12,575,000 \$	32,425,000	2	
				\$	45,000,000 \$		- \$	12,575,000 \$	32,425,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series A, 2019 Series B, 2019 Series C and 2019 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series B PAC Term bonds maturing July 1, 2049. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: April 12, 2019 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2033.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2024 was 3.85%.

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Residential Housing Finance Bonds, 2019 Series E

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority A and	(Note B)
	7/1/2020	Serial	1.200	\$	1,235,000 \$	1,220,000	\$ 15,000 \$		- N/A	
	1/1/2021	Serial	1.300		1,240,000	1,005,000	235,000		- N/A	i.
	7/1/2021	Serial	1.350		1,245,000	850,000	395,000		- N/A	L
60416SQ37	1/1/2022	Serial	1.400		1,250,000	705,000	545,000		- N/A	i.
60416SQ45	7/1/2022	Serial	1.450		1,260,000	575,000	685,000		- N/A	i.
60416SQ52	1/1/2023	Serial	1.500		1,265,000	545,000	720,000		- N/A	
60416SQ60	7/1/2023	Serial	1.550		1,275,000	545,000	730,000	-	N/A	
60416SQ78	1/1/2024	Serial	1.600		1,280,000	545,000	735,000	-	N/A	
60416SQ86	7/1/2024	Serial	1.650		1,290,000	-	740,000	550,00	0 2	
60416SQ94	1/1/2025	Serial	1.700		1,300,000	-	750,000	550,00	0 2	
60416SR28	7/1/2025	Serial	1.750		585,000	-	335,000	250,00	0 2	
				\$	13,225,000 \$	5,990,000	\$ 5,885,000 \$	1,350,00	0	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series E, 2019 Series F, 2019 Series G and 2019 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series F PAC Term bonds maturing January 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

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Residential Housing Finance Bonds, 2019 Series F

Non-AMT

01101544						Principal Matured/		- · · · · - · · · · · · · · · · · · · ·	Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	iginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)
	7/1/2020	Serial	1.050	\$	150,000 \$	150,000	\$ - \$	-	N/A
60416SR44	7/1/2025	Serial	1.500		575,000	-	330,000	245,000	2
60416SR51	1/1/2026	Serial	1.550		1,320,000	-	740,000	580,000	2
60416SR69	7/1/2026	Serial	1.600		1,325,000	-	745,000	580,000	2
60416SR77	1/1/2027	Serial	1.700		1,340,000	-	760,000	580,000	2
60416SR85	7/1/2027	Serial	1.750		1,350,000	-	770,000	580,000	2
60416SR93	1/1/2028	Serial	1.800		1,365,000	-	780,000	585,000	2
60416SS27	7/1/2028	Serial	1.850		1,380,000	-	790,000	590,000	2
60416SS35	1/1/2029	Serial	1.900		1,395,000	-	805,000	590,000	2
60416SS43	7/1/2029	Serial	1.950		1,410,000	-	810,000	600,000	2
60416SS50	1/1/2030	Serial	2.000		1,430,000	-	820,000	610,000	2
60416SS68	7/1/2030	Serial	2.050		1,450,000	-	830,000	620,000	2
60416SS76	1/1/2031	Serial	2.100		1,470,000	-	830,000	640,000	2
60416SS84	7/1/2031	Serial	2.150		1,495,000	-	855,000	640,000	2
60416SW48	1/1/2032	Serial	2.250		1,520,000	-	880,000	640,000	2
60416SW55	7/1/2032	Serial	2.300		1,540,000	-	890,000	650,000	2
60416SS92	7/1/2034	Term (a)	2.450		6,425,000	-	3,670,000	2,755,000	2
60416ST26	7/1/2039	Term (b)	2.550		18,190,000	-	10,390,000	7,800,000	2
60416ST34	7/1/2044	Term (c)	2.750		20,655,000	-	11,795,000	8,860,000	2
60416ST42	1/1/2050	Term (d)	3.750		30,990,000	-	13,685,000	17,305,000	1
				\$	96,775,000 \$	150,000	\$ 51,175,000 \$		-

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series E, 2019 Series F, 2019 Series G and 2019 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series F PAC Term bonds maturing January 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2029 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2033.
- (b): Sinking fund redemptions begin January 1, 2035.
- (c): Sinking fund redemptions begin January 1, 2040.
- (d): Sinking fund redemptions begin July 1, 2044.

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Residential Housing Finance Bonds, 2019 Series H

Taxable

					P	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	0	riginal Amounts	Sinking Fund	Princip	al Redemptions	Principal Outstanding	A and E	3)
60416SP61	1/1/2050	Term(a)	Variable*	\$	43,985,000 \$		- \$	3,145,000 \$	40,840,000	2	
				\$	43,985,000 \$		- \$	3,145,000 \$	40,840,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2019 Series E, 2019 Series F, 2019 Series G and 2019 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2019 Series F PAC Term bonds maturing January 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: September 12, 2019 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2040.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2024 was 5.40%.

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Residential Housing Finance Bonds, 2020 Series A

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
	7/1/2020	Serial	1.050	\$	125,000 \$	125,000	\$ - 9	5	- N/A
	1/1/2021	Serial	1.100		1,170,000	1,045,000	125,000		- N/A
	7/1/2021	Serial	1.150		1,690,000	1,320,000	370,000		- N/A
60416S3A6	1/1/2022	Serial	1.250		1,710,000	1,190,000	520,000		- N/A
60416S3B4	7/1/2022	Serial	1.300		1,730,000	1,100,000	630,000		- N/A
60416S3C2	1/1/2023	Serial	1.350		1,750,000	1,080,000	670,000		- N/A
60416S3D0	7/1/2023	Serial	1.350		1,775,000	1,080,000	695,000	-	N/A
60416S3E8	1/1/2024	Serial	1.450		1,795,000	1,090,000	705,000	-	N/A
60416S3F5	7/1/2024	Serial	1.450		1,820,000	-	720,000	1,100,000	2
60416S3G3	1/1/2025	Serial	1.550		1,840,000	-	735,000	1,105,000	2
60416S3H1	7/1/2025	Serial	1.550		1,865,000	-	745,000	1,120,000	2
60416S3J7	1/1/2026	Serial	1.650		1,890,000	-	750,000	1,140,000) 2
60416S3K4	7/1/2026	Serial	1.700		1,690,000	-	650,000	1,040,000) 2
				\$	20,850,000 \$	8,030,000	\$ 7,315,000	5,505,000	<u> </u>

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series A, 2020 Series B and 2020 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series B and 2020 Series C PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2029 and thereafter - 100%.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2020 Series B

Non-AMT

						Principal Matured/				Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	iginal Amounts	Sinking Fund	Prin	cipal Redemptions	Principal Outstanding	A and B)
	7/1/2020	Serial	0.950	\$	520,000	\$ 520,00	0 \$	- \$	-	N/A
	1/1/2021	Serial	0.950		500,000	450,0	00	50,000	-	N/A
60416S3N8	7/1/2026	Serial	1.450		230,000		-	95,000	135,000	2
60416S3P3	1/1/2027	Serial	1.550		1,950,000		-	755,000	1,195,000	2
60416S3Q1	7/1/2027	Serial	1.600		1,975,000		-	760,000	1,215,000	2
60416S3R9	1/1/2028	Serial	1.650		2,005,000		-	785,000	1,220,000	2
60416S3S7	7/1/2028	Serial	1.700		2,035,000		-	795,000	1,240,000	2
60416S3T5	1/1/2029	Serial	1.750		2,075,000		-	810,000	1,265,000	2
60416S3U2	7/1/2029	Serial	1.800		2,110,000		-	830,000	1,280,000	2
60416S3V0	1/1/2030	Serial	1.850		2,140,000		-	845,000	1,295,000	2
60416S3W8	7/1/2030	Serial	1.900		2,180,000		-	865,000	1,315,000	2
60416S3X6	1/1/2031	Serial	2.000		2,215,000		-	885,000	1,330,000	2
60416S3Y4	7/1/2031	Serial	2.000		2,260,000		-	905,000	1,355,000	2
60416S3Z1	1/1/2032	Serial	2.100		2,300,000		-	910,000	1,390,000	2
60416S4A5	7/1/2032	Serial	2.100		2,345,000		-	920,000	1,425,000	2
60416S4B3	1/1/2035	Term (a)	2.400		12,440,000		-	4,900,000	7,540,000	2
60416S4C1	1/1/2040	Term (b)	2.625		28,910,000		-	11,395,000	17,515,000	2
60416S4D9	1/1/2044	Term (c)	2.800		25,815,000		-	10,155,000	15,660,000	2
60416S4E7	7/1/2050	Term (d)	3.500		55,145,000		-	22,480,000	32,665,000	_ 1
				\$	149,150,000	\$ 970,0	0 \$	59,140,000 \$	89,040,000	_

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series A, 2020 Series B and 2020 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series B and 2020 Series C PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2029 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2033.
- (b): Sinking fund redemptions begin July 1, 2035.
- (c): Sinking fund redemptions begin July 1, 2040.
- (d): Sinking fund redemptions begin January 1, 2044.

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Residential Housing Finance Bonds, 2020 Series C

Taxable

					Р	Principal Matured/			Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Origi	nal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)
	7/1/2020	Serial	1.670	\$	155,000 \$	155,000	\$ - \$	-	N/A
	1/1/2021	Serial	1.690		510,000	460,000	50,000	-	N/A
	7/1/2021	Serial	1.690		520,000	410,000	110,000	-	N/A
60416S4J6	1/1/2022	Serial	1.720		525,000	370,000	155,000	-	N/A
60416S4K3	7/1/2022	Serial	1.770		535,000	335,000	200,000	-	N/A
60416S4L1	1/1/2023	Serial	1.816		545,000	335,000	210,000	-	N/A
60416S4M9	7/1/2023	Serial	1.866		555,000	330,000	225,000	-	N/A
60416S4N7	1/1/2024	Serial	1.957		565,000	335,000	230,000	-	N/A
60416S4P2	7/1/2024	Serial	2.007		575,000	-	240,000	335,000	2
60416S4Q0	1/1/2025	Serial	2.037		585,000	-	255,000	330,000	2
60416S4R8	7/1/2025	Serial	2.087		595,000	-	260,000	335,000	2
60416S4S6	1/1/2026	Serial	2.211		605,000	-	265,000	340,000	2
60416S4T4	7/1/2026	Serial	2.261		620,000	-	275,000	345,000	2
60416S4U1	1/1/2027	Serial	2.311		630,000	-	275,000	355,000	2
60416S4V9	7/1/2027	Serial	2.361		645,000	-	285,000	360,000	2
60416S4W7	1/1/2028	Serial	2.491		655,000	-	290,000	365,000	2
60416S4X5	7/1/2028	Serial	2.541		670,000	-	295,000	375,000	2
60416S4Y3	1/1/2029	Serial	2.591		685,000	-	300,000	385,000	2
60416S4Z0	7/1/2029	Serial	2.641		700,000	-	315,000	385,000	2
60416S5A4	1/1/2030	Serial	2.691		710,000	-	320,000	390,000	2
60416S5B2	7/1/2030	Serial	2.741		735,000	-	335,000	400,000	2
60416S5C0	1/1/2035	Term (a)	2.941		7,370,000	-	3,185,000	4,185,000	2
60416S5D8	1/1/2040	Term (b)	3.237		10,250,000	-	4,430,000	5,820,000	2
60416S5E6	1/1/2044	Term (c)	3.337		9,290,000	-	3,995,000	5,295,000	2
60416S5F3	7/1/2050	Term (d)	2.657		20,770,000	-	8,625,000	12,145,000	_ 1
				\$	60,000,000 \$	2,730,000	\$ 25,125,000 \$	32,145,000	-

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series A, 2020 Series B and 2020 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series B and 2020 Series C PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2031.
- (b): Sinking fund redemptions begin July 1, 2035.
- (c): Sinking fund redemptions begin July 1, 2040.
- (d): Sinking fund redemptions begin January 1, 2044.

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Residential Housing Finance Bonds, 2020 Series D

AMT

					1	Principal Matured/			Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)
	1/1/2021	Serial	0.450	\$	1,225,000 \$	1,180,000	\$ 45,000 \$		- N/A
	7/1/2021	Serial	0.500		1,495,000	1,330,000	165,000		- N/A
60416S5J5	1/1/2022	Serial	0.600		1,505,000	1,225,000	280,000		- N/A
60416S5K2	7/1/2022	Serial	0.650		1,620,000	1,235,000	385,000		- N/A
60416S5L0	1/1/2023	Serial	0.850		1,635,000	1,210,000	425,000		- N/A
60416S5M8	7/1/2023	Serial	0.900		1,650,000	1,215,000	435,000	-	N/A
60416S5N6	1/1/2024	Serial	1.050		1,665,000	1,215,000	450,000	-	N/A
60416S5P1	7/1/2024	Serial	1.050		1,680,000	-	455,000	1,225,000) 2
60416S5Q9	1/1/2025	Serial	1.350		1,700,000	-	475,000	1,225,000) 2
60416S5R7	7/1/2025	Serial	1.400		1,570,000	-	400,000	1,170,000) 2
60416S5S5	1/1/2026	Serial	1.625		1,590,000	-	410,000	1,180,000) 2
60416S5T3	7/1/2026	Serial	1.650		1,615,000	-	420,000	1,195,000) 2
60416S5U0	1/1/2027	Serial	1.800		350,000	-	100,000	250,000) 2
				\$	19,300,000 \$	8,610,000	\$ 4,445,000 \$	6,245,000	<u> </u>

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series D and 2020 Series E.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series E PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

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Residential Housing Finance Bonds, 2020 Series E

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
	1/1/2021	Serial	0.300	\$	100,000	-	· · · · · · · · · · · · · · · · · · ·		N1/A
	7/1/2021	Serial	0.350	·	100,000	100,000	· ·	-	N/A
60416S5X4	1/1/2022	Serial	0.400		100,000	95,000	5,000	-	N/A
60416S5Y2	7/1/2025	Serial	1.200		150,000	-	35,000	115,000	2
60416S5Z9	1/1/2026	Serial	1.400		150,000	-	35,000	115,000	2
60416S56A3	7/1/2026	Serial	1.450		150,000	-	30,000	120,000	2
60416S56B1	1/1/2027	Serial	1.550		1,435,000	-	380,000	1,055,000	2
60416S56C9	7/1/2027	Serial	1.600		1,810,000	-	465,000	1,345,000	2
60416S56D7	1/1/2028	Serial	1.750		1,835,000	-	480,000	1,355,000	2
60416S56E5	7/1/2028	Serial	1.750		1,865,000	-	480,000	1,385,000	2
60416S56F2	1/1/2029	Serial	1.850		1,890,000	-	495,000	1,395,000	2
60416S56G0	7/1/2029	Serial	1.900		1,920,000	-	505,000	1,415,000	2
60416S56H8	1/1/2030	Serial	1.950		1,950,000	-	525,000	1,425,000	2
60416S56J4	7/1/2030	Serial	2.000		1,980,000	-	530,000	1,450,000	2
60416S56K1	1/1/2031	Serial	2.050		2,010,000	-	545,000	1,465,000	2
60416S56L9	7/1/2031	Serial	2.050		2,040,000	-	560,000	1,480,000	2
60416S56M7	1/1/2032	Serial	2.150		2,075,000	-	575,000	1,500,000	2
60416S56N5	7/1/2032	Serial	2.200		2,105,000	-	575,000	1,530,000	2
60416S56P0	7/1/2035	Term (a)	2.250		13,390,000	-	3,540,000	9,850,000	2
60416S56Q8	7/1/2040	Term (b)	2.500		25,650,000	-	6,785,000	18,865,000	
60416S56R6	7/1/2044	Term (c)	2.700		23,030,000	-	6,100,000	16,930,000	2
60416S56S4	7/1/2050	Term (d)	3.500		44,965,000	-	16,225,000	28,740,000	_ 1
				\$	130,700,000	\$ 295,000	\$ 38,870,000 \$	91,535,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series D and 2020 Series E.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series E PAC Term bonds maturing July 1, 2050. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2033.
- (b): Sinking fund redemptions begin January 1, 2036.
- (c): Sinking fund redemptions begin January 1, 2041.
- (d): Sinking fund redemptions begin July 1, 2044.

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Residential Housing Finance Bonds, 2020 Series F

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
	1/1/2021	Serial	0.350	\$	125,000 \$	125,000	\$ - \$		- N/A
	7/1/2021	Serial	0.400		1,125,000	1,065,000	60,000		- N/A
60416TAD0	1/1/2022	Serial	0.450		1,255,000	1,140,000	115,000		- N/A
60416TAE8	7/1/2022	Serial	0.500		1,270,000	1,090,000	180,000		- N/A
60416TAF5	1/1/2023	Serial	0.650		830,000	705,000	125,000		- N/A
60416TAG3	7/1/2023	Serial	0.700		1,290,000	1,085,000	205,000	-	N/A
60416TAH1	1/1/2024	Serial	0.850		1,305,000	1,085,000	220,000	-	N/A
60416TAJ7	7/1/2024	Serial	0.900		1,320,000	-	230,000	1,090,000) 2
60416TAK4	1/1/2025	Serial	1.050		860,000	-	135,000	725,000) 2
60416TAL2	7/1/2025	Serial	1.100		875,000	-	135,000	740,000) 2
60416TAM0	1/1/2026	Serial	1.250		885,000	-	140,000	745,000) 2
60416TAN8	7/1/2026	Serial	1.350		905,000	-	150,000	755,000) 2
60416TAP3	1/1/2027	Serial	1.450		915,000	-	155,000	760,000) 2
60416TAQ1	7/1/2027	Serial	1.500		930,000	-	165,000	765,000) 2
60416TAR9	1/1/2028	Serial	1.650		950,000	-	170,000	780,000) 2
60416TAS7	7/1/2028	Serial	1.700		790,000	-	110,000	680,000) 2
				\$	15,630,000 \$	6,295,000	\$ 2,295,000 \$	7,040,000)

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series F and 2020 Series G.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series G PAC Term bonds maturing January 1, 2051 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

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Residential Housing Finance Bonds, 2020 Series G

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	iginal Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
	1/1/2021	Serial	0.250	\$	150,000 \$	150,000	\$ - \$	-	N/A
60416TAU2	1/1/2023	Serial	0.450		450,000	370,000	80,000	-	N/A
60416TAV0	7/1/2028	Serial	1.450		175,000	-	15,000	160,000	2
60416TAW8	1/1/2029	Serial	1.500		980,000	-	135,000	845,000	2
60416TAX6	7/1/2029	Serial	1.550		1,000,000	-	140,000	860,000	2
60416TAY4	1/1/2030	Serial	1.700		1,015,000	-	155,000	860,000	2
60416TAZ1	7/1/2030	Serial	1.750		1,030,000	-	165,000	865,000	2
60416TBA5	1/1/2031	Serial	1.800		1,050,000	-	175,000	875,000	2
60416TBB3	7/1/2031	Serial	1.850		1,070,000	-	180,000	890,000	2
60416TBC1	1/1/2032	Serial	1.950		1,090,000	-	195,000	895,000	2
60416TBD9	7/1/2032	Serial	1.950		1,110,000	-	205,000	905,000	2
60416TBE7	7/1/2035	Term (a)	2.100		7,100,000	-	1,145,000	5,955,000	2
60416TBF4	7/1/2040	Term (b)	2.300		13,725,000	-	2,215,000	11,510,000	2
60416TBG2	7/1/2045	Term (c)	2.450		16,595,000	-	2,675,000	13,920,000	2
60416TBH0	1/1/2051	Term (d)	2.550		21,695,000	-	3,495,000	18,200,000	2
60416TBJ6	1/1/2051	Term (e)	3.000		41,135,000	-	11,905,000	29,230,000	1
				\$	109,370,000 \$	520,000	\$ 22,880,000 \$	85,970,000	-

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series F and 2020 Series G.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series G PAC Term bonds maturing January 1, 2051 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2033.
- (b): Sinking fund redemptions begin January 1, 2036.
- (c): Sinking fund redemptions begin January 1, 2041.
- (d): Sinking fund redemptions begin January 1, 2046.
- (e): Sinking fund redemptions begin January 1, 2025

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Residential Housing Finance Bonds, 2020 Series H

AMT

						Principal Matured/			Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B	3)
	7/1/2021	Serial	0.250	\$	620,000 \$	615,000	\$ 5,000 \$		- N/A	
60416TBL1	1/1/2022	Serial	0.300		890,000	855,000	35,000		- N/A	
60416TBM9	7/1/2022	Serial	0.375		1,400,000	1,285,000	115,000		- N/A	
60416TBN7	1/1/2023	Serial	0.550		1,410,000	1,280,000	130,000		- N/A	
60416TBP2	7/1/2023	Serial	0.660		1,415,000	1,280,000	135,000	-	N/A	
60416TBQ0	1/1/2024	Serial	0.650		1,430,000	1,290,000	140,000	-	N/A	
60416TBR8	7/1/2024	Serial	0.700		1,440,000	-	145,000	1,295,000) 2	
60416TBS6	1/1/2025	Serial	0.800		1,450,000	-	150,000	1,300,000) 2	
60416TBT4	7/1/2025	Serial	0.850		1,460,000	-	150,000	1,310,000) 2	
60416TBU1	1/1/2026	Serial	1.000		955,000	-	75,000	880,000) 2	
60416TBV9	7/1/2026	Serial	1.100		965,000	-	80,000	885,000) 2	
60416TBW7	1/1/2027	Serial	1.200		975,000	-	90,000	885,000) 2	
60416TBX5	7/1/2027	Serial	1.350		985,000	-	90,000	895,000) 2	
60416TBY3	1/1/2028	Serial	1.450		995,000	-	100,000	895,000) 2	
60416TBZ0	7/1/2028	Serial	1.500		135,000	=	10,000	125,000	<u> </u>	
				\$	16,525,000 \$	6,605,000	\$ 1,450,000 \$	8,470,000)	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series H and 2020 Series H.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series I PAC Term bonds maturing January 1, 2051 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

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Residential Housing Finance Bonds, 2020 Series I

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	iginal Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
	7/1/2021	Serial	0.150	\$	500,000 \$		\$ 5,000 \$	-	N1/A
60416TCB2	1/1/2022	Serial	0.200		500,000	480,000	20,000	-	N/A
60416TCC0	7/1/2028	Serial	1.150		875,000	-	70,000	805,000	2
60416TCD8	1/1/2029	Serial	1.300		1,020,000	-	75,000	945,000	2
60416TCE6	7/1/2029	Serial	1.350		1,035,000	-	85,000	950,000	2
60416TCF3	1/1/2030	Serial	1.450		1,050,000	-	95,000	955,000	2
60416TCG1	7/1/2030	Serial	1.550		1,065,000	-	95,000	970,000	2
60416TCH9	1/1/2031	Serial	1.700		1,080,000	-	110,000	970,000	2
60416TCJ5	7/1/2031	Serial	1.700		1,095,000	-	120,000	975,000	2
60416TCK2	1/1/2032	Serial	1.750		1,115,000	-	120,000	995,000	2
60416TCL0	7/1/2032	Serial	1.800		1,130,000	-	125,000	1,005,000	2
60416TCM8	7/1/2035	Term (a)	1.875		7,165,000	-	675,000	6,490,000	2
60416TCN6	7/1/2040	Term (b)	2.000		13,605,000	-	1,285,000	12,320,000	2
60416TCP1	7/1/2045	Term (c)	2.150		16,145,000	-	1,520,000	14,625,000	2
60416TCQ9	1/1/2051	Term (d)	2.200		21,600,000	-	2,020,000	19,580,000	2
60416TCR7	1/1/2051	Term (e)	3.000		39,495,000	-	9,940,000	29,555,000	1
				\$	108,475,000 \$	975,000	\$ 16,360,000 \$	91,140,000	_

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2020 Series H and 2020 Series I.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2020 Series I PAC Term bonds maturing January 1, 2051 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2033.
- (b): Sinking fund redemptions begin January 1, 2036.
- (c): Sinking fund redemptions begin January 1, 2041.
- (d): Sinking fund redemptions begin January 1, 2046.
- (e): Sinking fund redemptions begin January 1, 2026

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Residential Housing Finance Bonds, 2021 Series A

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority A and B	(Note 3)
60416TCT3	1/1/2022	Serial	0.250	\$	915,000 \$	915,000	\$ - \$	-	N/A	
60416TCU0	7/1/2022	Serial	0.300		1,275,000	1,240,000	35,000	-	N/A	
60416TCV8	1/1/2023	Serial	0.400		1,285,000	1,235,000	50,000	-	N/A	
60416TCW6	7/1/2023	Serial	0.500		1,295,000	1,240,000	55,000	-	N/A	
60416TCX4	1/1/2024	Serial	0.625		1,305,000	1,250,000	55,000	-	N/A	
60416TCY2	7/1/2024	Serial	0.750		1,315,000	-	55,000	1,260,000	2	
60416TCZ9	1/1/2025	Serial	0.850		1,330,000	-	65,000	1,265,000	2	
60416TDA3	7/1/2025	Serial	0.875		845,000	-	25,000	820,000	2	
60416TDB1	1/1/2026	Serial	1.100		905,000	-	25,000	880,000	2	
60416TDC9	7/1/2026	Serial	1.125		1,375,000	-	70,000	1,305,000	2	
60416TDD7	1/1/2027	Serial	1.350		1,390,000	-	75,000	1,315,000	2	
60416TDE5	7/1/2027	Serial	1.400		1,405,000	-	75,000	1,330,000	2	
60416TDF2	1/1/2028	Serial	1.550		1,425,000	-	80,000	1,345,000	2	
60416TDG0	7/1/2028	Serial	1.600		1,445,000	-	85,000	1,360,000	2	
60416TDH8	1/1/2029	Serial	1.750		1,465,000	-	90,000	1,375,000	2	
60416TDJ4	7/1/2029	Serial	1.800		1,485,000	-	90,000	1,395,000	2	
60416TDK1	1/1/2030	Serial	1.900		1,505,000	-	90,000	1,415,000	2	
60416TDL9	7/1/2030	Serial	1.950		1,095,000	-	30,000	1,065,000	2	
				\$	23,060,000 \$	5,880,000	\$ 1,050,000 \$	16,130,000	<u> </u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series A and 2021 Series B.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series B PAC Term bonds maturing July 1, 2051 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

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Residential Housing Finance Bonds, 2021 Series B

Non-AMT

						Principal Matured/			Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	iginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)	ļ.
60416TDM7	1/1/2022	Serial	0.150	\$	350,000 \$	350,000	\$ - \$	-	N/A	
60416TDN5	7/1/2025	Serial	0.600		500,000	-	15,000	485,000	2	
60416TDP0	1/1/2026	Serial	0.800		455,000	-	15,000	440,000	2	
60416TDQ8	7/1/2030	Serial	1.650		435,000	-	15,000	420,000	2	
60416TDR8	1/1/2031	Serial	1.800		950,000	-	25,000	925,000	2	
60416TDS4	7/1/2031	Serial	1.850		965,000	-	40,000	925,000	2	
60416TDT2	1/1/2032	Serial	1.950		980,000	-	45,000	935,000	2	
60416TDU9	7/1/2032	Serial	1.950		995,000	-	55,000	940,000	2	
60416TDV7	1/1/2033	Serial	2.000		1,010,000	-	65,000	945,000	2	
60416TDW5	7/1/2033	Serial	2.050		1,025,000	-	75,000	950,000	2	
60416TDX3	7/1/2036	Term (a)	2.100		6,535,000	-	310,000	6,225,000	2	
60416TDY1	7/1/2041	Term (b)	2.300		12,520,000	-	585,000	11,935,000	2	
60416TDZ8	7/1/2046	Term (c)	2.450		14,960,000	-	710,000	14,250,000	2	
60416TDA2	7/1/2051	Term (d)	2.500		21,325,000	-	1,005,000	20,320,000	2	
60416TDB0	7/1/2051	Term (e)	3.000		38,935,000	-	9,475,000	29,460,000	_ 1	
				\$	101,940,000 \$	350,000	\$ 12,435,000 \$	89,155,000	=	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series A and 2021 Series B.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series B PAC Term bonds maturing July 1, 2051 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2034.
- (b): Sinking fund redemptions begin January 1, 2037.
- (c): Sinking fund redemptions begin January 1, 2042.
- (d): Sinking fund redemptions begin January 1, 2047.
- (e): Sinking fund redemptions begin January 1, 2031

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Residential Housing Finance Bonds, 2021 Series C

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TEE4	1/1/2022	Serial	0.200	\$	500,000 \$	495,000	\$ 5,000 \$	-	N/A
60416TEF1	7/1/2022	Serial	0.250		550,000	525,000	25,000	-	N/A
60416TEG9	1/1/2023	Serial	0.400		2,360,000	2,225,000	135,000	-	N/A
60416TEH7	7/1/2023	Serial	0.450		2,375,000	2,230,000	145,000	-	N/A
60416TEJ3	1/1/2024	Serial	0.600		2,390,000	2,245,000	145,000	-	N/A
60416TEK0	7/1/2024	Serial	0.700		2,405,000	-	150,000	2,255,000	2
60416TEL8	1/1/2025	Serial	0.800		2,425,000	-	160,000	2,265,000	2
60416TEM6	7/1/2025	Serial	0.875		2,445,000	-	165,000	2,280,000	2
60416TEN4	1/1/2026	Serial	0.950		2,465,000	-	170,000	2,295,000	2
60416TEP9	7/1/2026	Serial	1.050		2,485,000	-	175,000	2,310,000	2
60416TEQ7	1/1/2027	Serial	1.200		1,110,000	-	80,000	1,030,000	2
60416TER5	7/1/2027	Serial	1.300		1,485,000	-	105,000	1,380,000	2
60416TES3	1/1/2028	Serial	1.450		1,025,000	-	70,000	955,000	2
				\$	24,020,000 \$	7,720,000	\$ 1,530,000 \$	14,770,000	_

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series C and 2021 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series D PAC Term bonds maturing January 1, 2052 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

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Residential Housing Finance Bonds, 2021 Series D

Non-AMT

						Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	iginal Amounts	Sinking Fund	Principal Redempti	ons	Principal Outstanding	A and B	3)
60416TET1	1/1/2022	Serial	0.150	\$	1,065,000	\$ 1,050,000	\$ 15	000 \$	-	N/A	_
60416TEU8	7/1/2022	Serial	0.200		1,795,000	1,705,000	90,	000	-	N/A	
60416TEV6	1/1/2027	Serial	0.950		1,400,000	-	85	000	1,315,000	2	
60416TEW4	7/1/2027	Serial	1.050		1,050,000	-	70,	000	980,000	2	
60416TEX2	1/1/2028	Serial	1.200		585,000	-	35	000	550,000	2	
60416TEY0	7/1/2028	Serial	1.300		1,625,000	-	90,	000	1,535,000	2	
60416TEZ7	1/1/2029	Serial	1.400		1,640,000	-	100	000	1,540,000	2	
60416TFA1	7/1/2029	Serial	1.500		1,660,000	-	110	000	1,550,000	2	
60416TFB9	1/1/2030	Serial	1.600		1,680,000	-	110	000	1,570,000	2	
60416TFC7	7/1/2030	Serial	1.650		1,700,000	-	115	000	1,585,000	2	
60416TFD5	1/1/2031	Serial	1.800		1,720,000	-	115	000	1,605,000	2	
60416TFE3	7/1/2031	Serial	1.850		1,740,000	-	120	000	1,620,000	2	
60416TFF0	1/1/2032	Serial	1.950		1,760,000	-	125	000	1,635,000	2	
60416TFG8	7/1/2032	Serial	2.000		1,785,000	-	130	000	1,655,000	2	
60416TFH6	7/1/2036	Term (a)	2.000		15,195,000	-	1,005	000	14,190,000	2	
60416TFJ2	7/1/2041	Term (b)	2.200		20,300,000	-	1,335	000	18,965,000	2	
60416TFK9	7/1/2046	Term (c)	2.375		16,975,000	-	1,110	000	15,865,000	2	
60416TFL7	1/1/2052	Term (d)	2.450		24,720,000	-	1,625	000	23,095,000	2	
60416TFM5	1/1/2052	Term (e)	3.000		55,750,000	-	12,080	000	43,670,000	1	
				\$	154,145,000	\$ 2,755,000	\$ 18,465	000 \$	132,925,000		

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series C and 2021 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series D PAC Term bonds maturing January 1, 2052 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2033.
- (b): Sinking fund redemptions begin January 1, 2037.
- (c): Sinking fund redemptions begin January 1, 2042.
- (d): Sinking fund redemptions begin January 1, 2047.
- (e): Sinking fund redemptions begin January 1, 2028.

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Residential Housing Finance Bonds, 2021 Series E

AMT

						Principal Matured/			Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)
60416TFN3	1/1/2022	Serial	0.150	\$	130,000 \$	130,000	\$ - \$	-	N/A
60416TFP8	7/1/2022	Serial	0.150		1,225,000	1,200,000	25,000	-	N/A
60416TFQ6	1/1/2023	Serial	0.250		1,590,000	1,565,000	25,000	-	N/A
60416TFR4	7/1/2023	Serial	0.300		1,600,000	1,570,000	30,000	-	N/A
60416TFS2	1/1/2024	Serial	0.450		1,390,000	1,365,000	25,000	-	N/A
60416TFT0	7/1/2024	Serial	0.550		1,620,000	-	35,000	1,585,000	2
60416TFU7	1/1/2025	Serial	0.700		1,635,000	-	55,000	1,580,000	2
60416TFV5	7/1/2025	Serial	0.750		1,650,000	-	65,000	1,585,000	2
60416TFW3	1/1/2026	Serial	0.900		1,660,000	-	65,000	1,595,000	2
60416TFX1	7/1/2026	Serial	0.950		1,315,000	-	25,000	1,290,000	2
60416TFY9	1/1/2027	Serial	1.100		1,695,000	-	65,000	1,630,000	2
60416TFZ6	7/1/2027	Serial	1.250		185,000	-	-	185,000	2
				\$	15,695,000 \$	5,830,000	\$ 415,000 \$	9,450,000	_

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series E and 2021 Series F.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series F PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

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Residential Housing Finance Bonds, 2021 Series F

Non-AMT

						Principal Matured/			Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)	
60416TGA0	1/1/2022	Serial	0.125	\$	70,000 \$	70,000	\$ - \$	-	N/A	
60416TGB8	7/1/2022	Serial	0.125		220,000	220,000	-	-	N/A	
60416TGC6	1/1/2024	Serial	0.300		220,000	220,000	-	-	N/A	
60416TGD4	7/1/2026	Serial	0.625		360,000	-	-	360,000	2	
60416TGE2	7/1/2027	Serial	0.900		1,455,000	-	30,000	1,425,000	2	
60416TGF9	1/1/2028	Serial	1.050		1,730,000	-	35,000	1,695,000	2	
60416TGG7	7/1/2028	Serial	1.100		1,750,000	-	40,000	1,710,000	2	
60416TGH5	1/1/2029	Serial	1.250		1,770,000	-	40,000	1,730,000	2	
60416TGJ1	7/1/2029	Serial	1.350		1,790,000	-	40,000	1,750,000	2	
60416TGK8	1/1/2030	Serial	1.500		1,815,000	-	45,000	1,770,000	2	
60416TGL6	7/1/2030	Serial	1.600		1,840,000	-	55,000	1,785,000	2	
60416TGM4	1/1/2031	Serial	1.650		1,865,000	-	60,000	1,805,000	2	
60416TGN2	7/1/2031	Serial	1.700		1,890,000	-	65,000	1,825,000	2	
60416TGP7	1/1/2032	Serial	1.800		1,915,000	-	65,000	1,850,000	2	
60416TGQ5	7/1/2032	Serial	1.850		1,945,000	-	65,000	1,880,000	2	
60416TGR3	1/1/2033	Serial	1.900		1,975,000	-	65,000	1,910,000	2	
60416TGS1	7/1/2033	Serial	1.900		2,005,000	-	65,000	1,940,000	2	
60416TGT9	7/1/2036	Term (a)	2.000		12,700,000	-	335,000	12,365,000	2	
60416TGU6	7/1/2041	Term (b)	2.250		24,140,000	-	650,000	23,490,000	2	
60416TGV4	7/1/2046	Term (c)	2.400		26,470,000	-	715,000	25,755,000	2	
60416TGW2	7/1/2052	Term (d)	3.000		46,380,000	-	8,110,000	38,270,000	<u> </u>	
				\$	134,305,000 \$	510,000	\$ 10,480,000 \$	123,315,000	<u> </u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series E and 2021 Series F.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series F PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2034.
- (b): Sinking fund redemptions begin January 1, 2037.
- (c): Sinking fund redemptions begin January 1, 2042.
- (d): Sinking fund redemptions begin July 1, 2046.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2021 Series G

AMT

CLICID**	Maturity Data	Dand Time	Interest Date	0-:		Principal Matured/	Deinsinal Dadama	4:	Dein ein al Outatan din e	Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate		ginal Amounts	Sinking Fund	Principal Redemp		Principal Outstanding	A and B)
60416TKK3	7/1/2022	Serial	0.250	\$	125,000 \$	120,000	\$	5,000 \$	-	14//
60416TKL1	1/1/2023	Serial	0.400		155,000	150,000		5,000	-	N/A
60416TKM9	7/1/2023	Serial	0.500		465,000	460,000		5,000	-	N/A
60416TKN7	1/1/2024	Serial	0.700		470,000	465,000		5,000	-	N/A
60416TKP2	7/1/2024	Serial	0.750		480,000	-		-	480,000	2
60416TKQ0	1/1/2025	Serial	0.900		490,000	-		-	490,000	2
60416TKR8	7/1/2025	Serial	1.000		745,000	-		5,000	740,000	2
60416TKS6	1/1/2026	Serial	1.150		755,000	-		5,000	750,000	2
60416TKT4	7/1/2026	Serial	1.250		500,000	-		5,000	495,000	2
60416TKU1	1/1/2027	Serial	1.350		375,000	-		_	375,000	2
60416TKV9	7/1/2027	Serial	1.500		790,000	-	1	0,000	780,000	2
60416TKW7	1/1/2028	Serial	1.650		805,000	-		5,000	790,000	2
60416TKX5	7/1/2028	Serial	1.750		820,000	-		5,000	805,000	2
60416TKY3	1/1/2029	Serial	1.850		830,000	-		5,000	815,000	2
60416TKZ0	7/1/2029	Serial	1.950		845,000	-		5,000	830,000	2
60416TLA4	1/1/2030	Serial	2.000		860,000	-		5,000	845,000	2
60416TLB2	7/1/2030	Serial	2.100		870,000	-		5,000	845,000	2
60416TLC0	1/1/2031	Serial	2.200		1,965,000	-		0,000	1,935,000	2
60416TLD8	7/1/2031	Serial	2.250		2,000,000	-		0,000	1,970,000	2
60416TLE6	1/1/2032	Serial	2.300		2,030,000	-		0,000	2,000,000	2
60416TLF3	7/1/2032	Serial	2.300		2,065,000	_		0,000	2,035,000	2
60416TLG1	1/1/2033	Serial	2.350		2,095,000	-		0,000	2,065,000	2
60416TLH9	7/1/2033	Serial	2.400		2,155,000	-		0,000	2,125,000	2
-				\$	22,690,000 \$	1,195,000		5,000 \$		_

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series G, 2021 Series H and 2021 Series I.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series D PAC Term bonds maturing July 1, 2052 and bearing interest at the rate of 3.000%. See "Section Q – Summary of Special Redemption Provisions".

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Residential Housing Finance Bonds, 2021 Series H

Non-AMT

						Principal Matured/			Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)
60416TLK2	7/1/2022	Serial	0.250	\$	125,000 \$	125,000	\$ - \$	-	N/A
60416TLL0	1/1/2023	Serial	0.350		150,000	150,000	-	-	· N/A
60416TLM8	7/1/2026	Serial	0.900		265,000	-	-	265,000	2
60416TLN6	1/1/2027	Serial	1.000		405,000	-	10,000	395,000	2
60416TLP1	7/1/2036	Term (a)	2.150		14,510,000	-	205,000	14,305,000	2
60416TLQ9	7/1/2041	Term (b)	2.350		29,435,000	-	425,000	29,010,000	2
60416TLR7	1/1/2046	Term (c)	2.550		30,440,000	-	440,000	30,000,000	2
60416TLS5	7/1/2052	Term (d)	3.000		51,980,000	-	6,260,000	45,720,000	<u> </u>
				\$	127,310,000 \$	275,000	\$ 7,340,000 \$	119,695,000	<u> </u>

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series G, 2021 Series H and 2021 Series I.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series F PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2034.
- (b): Sinking fund redemptions begin January 1, 2037.
- (c): Sinking fund redemptions begin January 1, 2042.
- (d): Sinking fund redemptions begin January 1, 2046.

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Residential Housing Finance Bonds, 2021 Series I

Taxable

						Principal Matured/			Call Priority (No	lote
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)	
60416TLT4	7/1/2022	Serial	0.670	\$	915,000	\$ 915,000	\$ - \$	-	N/A	
60416TLU0	1/1/2023	Serial	0.770		1,580,000	1,580,000	-	-	N/A	
60416TLV8	7/1/2023	Serial	0.870		1,435,000	1,435,000	-	-	N/A	
60416TLW6	1/1/2024	Serial	1.190		1,445,000	1,445,000	-	-	N/A	
60416TLX4	7/1/2024	Serial	1.240		1,450,000	-	-	1,450,000	2	
60416TLY2	1/1/2025	Serial	1.480		1,455,000	-	-	1,455,000	2	
60416TLZ9	7/1/2025	Serial	1.550		1,220,000	-	-	1,220,000	2	
60416TMA3	1/1/2026	Serial	1.620		1,230,000	-	-	1,230,000	2	
60416TMB1	7/1/2026	Serial	1.710		1,240,000	-	-	1,240,000	2	
60416TMC9	1/1/2027	Serial	1.770		1,245,000	-	-	1,245,000	2	
60416TMD7	7/1/2027	Serial	1.870		1,260,000	-	-	1,260,000	2	
60416TME5	1/1/2028	Serial	1.980		1,265,000	-	-	1,265,000	2	
60416TMF2	7/1/2028	Serial	2.050		1,280,000	-	-	1,280,000	2	
60416TMG0	1/1/2029	Serial	2.120		1,295,000	-	-	1,295,000	2	
60416TMH8	7/1/2029	Serial	2.140		1,310,000	-	-	1,310,000	2	
60416TMJ4	1/1/2030	Serial	2.190		1,325,000	-	-	1,325,000	2	
60416TMK1	7/1/2030	Serial	2.240		1,350,000	-	-	1,350,000	2	
60416TML9	1/1/2035	Term (a)	2.770		2,700,000	-	-	2,700,000	2	
				\$	25,000,000	\$ 5,375,000	\$ - \$	19,625,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2021 Series G, 2021 Series H and 2021 Series I.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2021 Series F PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2031 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2031.

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Residential Housing Finance Bonds, 2022 Series A

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	0	riginal Amounts	Principal Matu Sinking Fun		Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TNF1	7/1/2022	Serial	0.700	\$	45,000	\$ 4	45,000	\$ - \$	-	N/A
60416TNG9	1/1/2023	Serial	0.800		60,000	(60,000	-	-	N/A
60416TNH7	7/1/2023	Serial	0.900		85,000	8	85,000	-	-	N/A
60416TNJ3	1/1/2024	Serial	1.050		90,000	Ç	90,000	-	-	N/A
60416TNK0	7/1/2024	Serial	1.150		135,000		-	-	135,000	2
60416TNL8	1/1/2025	Serial	1.300		135,000		-	-	135,000	2
60416TNM6	7/1/2025	Serial	1.400		185,000		-	-	185,000	2
60416TNN4	1/1/2026	Serial	1.500		190,000		-	-	190,000	2
60416TNP9	7/1/2026	Serial	1.600		200,000		-	-	200,000	2
60416TNQ7	1/1/2027	Serial	1.650		205,000		-	-	205,000	2
60416TNR5	7/1/2027	Serial	1.750		250,000		-	-	250,000	2
60416TNS3	1/1/2028	Serial	1.850		255,000		-	-	255,000	2
60416TNT1	7/1/2028	Serial	1.950		295,000		-	-	295,000	2
60416TNU8	1/1/2029	Serial	2.000		300,000		-	-	300,000	2
60416TNV6	7/1/2029	Serial	2.050		305,000		-	5,000	300,000	2
60416TNW4	1/1/2030	Serial	2.200		310,000		-	5,000	305,000	2
60416TNX2	7/1/2030	Serial	2.250		325,000		-	5,000	320,000	2
60416TNY0	1/1/2031	Serial	2.300		330,000		-	5,000	325,000	2
60416TNZ7	7/1/2031	Serial	2.300		1,540,000		-	10,000	1,530,000	2
60416TPA0	1/1/2032	Serial	2.350		1,650,000		-	15,000	1,635,000	2
60416TPB8	7/1/2032	Serial	2.400		1,645,000		-	15,000	1,630,000	2
60416TPC6	1/1/2033	Serial	2.450		1,645,000		-	15,000	1,630,000	2
60416TPD4	7/1/2033	Serial	2.450		1,645,000		-	15,000	1,630,000	2
60416TPE2	1/1/2034	Serial	2.500		1,645,000		-	15,000	1,630,000	2
60416TPF9	7/1/2034	Serial	2.550		1,645,000		-	10,000	1,635,000	2
60416TPG7	7/1/2037	Term (a)	2.600		9,870,000		-	75,000	9,795,000	2
60416TPH5	7/1/2042	Term (b)	2.750		16,630,000		-	125,000	16,505,000	3
60416TPJ1	1/1/2045	Term (c)	2.900		7,270,000		-	55,000	7,215,000	2
60416TPK8	7/1/2052	Term (d)	3.000		26,115,000		-	2,205,000	23,910,000	_ 1
				\$	75,000,000	\$ 28	80,000	\$ 2,575,000 \$	72,145,000	=

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series A and 2022 Series B.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series A PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2031 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2035.
- (b): Sinking fund redemptions begin January 1, 2038.
- (c): Sinking fund redemptions begin January 1, 2043.
- (d): Sinking fund redemptions begin January 1, 2045.

Refer to the disclaimer on page A-1

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Residential Housing Finance Bonds, 2022 Series B

Taxable

						Principal Matured/			Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Oriç	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)
60416TMM7	7/1/2022	Serial	1.050	\$	410,000 \$	410,000	\$ - \$	-	N/A
60416TMN5	1/1/2023	Serial	1.150		1,300,000	1,300,000	-	-	N/A
60416TMP0	7/1/2023	Serial	1.300		1,390,000	1,390,000	-	-	N/A
60416TMQ8	1/1/2024	Serial	1.420		1,495,000	1,495,000	-	-	N/A
60416TMR6	7/1/2024	Serial	1.570		1,560,000	-	-	1,560,000	2
60416TMS4	1/1/2025	Serial	1.700		1,610,000	-	-	1,610,000	2
60416TMT2	7/1/2025	Serial	1.800		1,550,000	-	-	1,550,000	2
60416TMU9	1/1/2026	Serial	1.920		1,535,000	-	-	1,535,000	2
60416TMV7	7/1/2026	Serial	2.000		1,515,000	-	-	1,515,000	2
60416TMW5	1/1/2027	Serial	2.125		1,500,000	-	-	1,500,000	2
60416TMX3	7/1/2027	Serial	2.180		1,445,000	-	-	1,445,000	2
60416TMY1	1/1/2028	Serial	2.300		1,430,000	-	-	1,430,000	2
60416TMZ8	7/1/2028	Serial	2.350		1,385,000	-	-	1,385,000	2
60416TNA2	1/1/2029	Serial	2.400		1,375,000	-	-	1,375,000	2
60416TNB0	7/1/2029	Serial	2.430		1,365,000	-	-	1,365,000	2
60416TNC8	1/1/2030	Serial	2.500		1,355,000	-	-	1,355,000	2
60416TND6	7/1/2030	Serial	2.530		1,335,000	-	-	1,335,000	2
60416TNE4	1/1/2031	Serial	2.570		1,435,000	-	-	1,435,000	2
				\$	24,990,000 \$	4,595,000	\$ - \$	20,395,000	_

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series A and 2022 Series B.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series A PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2031 and thereafter - 100%.

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Residential Housing Finance Bonds, 2022 Series C

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority A and E	(Note 3)
60416TPN2	1/1/2023	Serial	0.950	\$	1,550,000 \$	1,540,000	\$ 10,000 \$	-	N/A	
60416TPP7	7/1/2023	Serial	1.125		1,660,000	1,640,000	20,000	-	N/A	
60416TPQ5	1/1/2024	Serial	1.300		1,770,000	1,750,000	20,000	-	N/A	
60416TPR3	7/1/2024	Serial	1.400		1,875,000	-	20,000	1,855,000	2	
60416TPS1	1/1/2025	Serial	1.550		1,950,000	-	25,000	1,925,000	2	
60416TPT9	7/1/2025	Serial	1.600		1,960,000	-	25,000	1,935,000	2	
60416TPU6	1/1/2026	Serial	1.700		1,965,000	-	25,000	1,940,000	2	
60416TPV4	7/1/2026	Serial	1.850		1,975,000	-	25,000	1,950,000	2	
60416TPW2	1/1/2027	Serial	1.900		1,985,000	-	25,000	1,960,000	2	
60416TPX0	7/1/2027	Serial	2.000		1,995,000	-	25,000	1,970,000	2	
60416TPY8	1/1/2028	Serial	2.100		2,010,000	-	25,000	1,985,000	2	
60416TPZ5	7/1/2028	Serial	2.150		535,000	-	10,000	525,000	2	
60416TQA9	1/1/2029	Serial	2.200		335,000	-	-	335,000	2	
60416TQB7	7/1/2029	Serial	2.250		380,000	-	-	380,000	2	
60416TQC5	1/1/2030	Serial	2.300		385,000	-	-	385,000	2	
60416TQD3	7/1/2030	Serial	2.375		400,000	-	-	400,000	2	
60416TQE1	1/1/2031	Serial	2.450		405,000	-	5,000	400,000	2	
60416TQF8	7/1/2031	Serial	2.550		1,495,000	-	15,000	1,480,000	2	
60416TQG6	1/1/2032	Serial	2.600		1,505,000	-	15,000	1,490,000	2	
60416TQH4	7/1/2032	Serial	2.600		1,520,000	-	15,000	1,505,000	2	
60416TQJ0	1/1/2033	Serial	2.650		1,530,000	-	15,000	1,515,000	2	
60416TQK7	7/1/2033	Serial	2.700		1,545,000	-	15,000	1,530,000	2	
60416TQL5	1/1/2034	Serial	2.750		1,560,000	-	15,000	1,545,000	2	
60416TQM3	7/1/2034	Serial	2.750		1,570,000	-	20,000	1,550,000	2	
60416TQN1	7/1/2037	Term (a)	2.875		9,735,000	-	110,000	9,625,000	2	
60416TQP6	7/1/2043	Term (b)	3.000		20,245,000	-	225,000	20,020,000	2	
60416TQQ4	7/1/2052	Term (c)	3.500		36,160,000	-	3,835,000	32,325,000	1	
				\$	100,000,000 \$	4,930,000	\$ 4,540,000 \$	90,530,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series C and 2022 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series C PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2035.
- (b): Sinking fund redemptions begin January 1, 2038.
- (c): Sinking fund redemptions begin July 1, 2043.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2022 Series D

Taxable

					P	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	0	riginal Amounts	Sinking Fund	Princip	al Redemptions	Principal Outstanding	A and B)
60416TPL6	7/1/2052	Term(a)	Variable*	\$	50,000,000 \$		- \$	1,055,000 \$	48,945,000	2	<u></u>
				\$	50,000,000 \$		- \$	1,055,000 \$	48,945,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series C and 2022 Series D.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series C PAC Term bonds maturing July 1, 2052. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: March 17, 2022 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2028.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2024 was 5.35%.

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Residential Housing Finance Bonds, 2022 Series E

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts		al Matured/ ing Fund	Principal Redemptions	Principal Outstanding	Call Priority
60416TQU5	7/1/2023	Serial	2.498	\$	1,920,000		1,905,000	\$ 15,000 \$	-	None
60416TQV3	1/1/2024	Serial	2.698	•	2,255,000	•	2,230,000	25,000	-	None
60416TQW1	7/1/2024	Serial	2.868		2,670,000		-	40,000	2,630,000	None
60416TQX9	1/1/2025	Serial	3.075		3,065,000		-	55,000	3,010,000	None
60416TQY7	7/1/2025	Serial	3.185		3,315,000		-	90,000	3,225,000	None
60416TQZ4	1/1/2026	Serial	3.320		3,280,000		-	75,000	3,205,000	None
60416TRA8	7/1/2026	Serial	3.390		3,235,000		-	70,000	3,165,000	None
60416TRB6	1/1/2027	Serial	3.470		3,190,000		-	65,000	3,125,000	None
60416TRC4	7/1/2027	Serial	3.520		3,145,000		-	65,000	3,080,000	None
60416TRD2	1/1/2028	Serial	3.644		3,105,000		-	65,000	3,040,000	None
60416TRE0	7/1/2028	Serial	3.694		3,065,000		-	50,000	3,015,000	None
60416TRF7	1/1/2029	Serial	3.744		3,025,000		-	40,000	2,985,000	None
60416TRG5	7/1/2029	Serial	3.794		2,985,000		-	40,000	2,945,000	None
60416TRM2	1/1/2032	Serial	4.065		2,815,000		-	40,000	2,775,000	None
60416TRN0	7/1/2032	Serial	4.135		2,785,000		-	40,000	2,745,000	None
60416TRP5	1/1/2033	Serial	4.185		2,755,000		-	40,000	2,715,000	None
60416TRQ3	7/1/2033	Serial	4.235		2,735,000		-	35,000	2,700,000	None
60416TRJ9	7/1/2030	Term (a)	3.935		5,865,000		-	110,000	5,755,000	None
60416TRL4	7/1/2031	Term (b)	4.035		5,730,000		-	105,000	5,625,000	None
60416TRR1	7/1/2037	Term (c)	4.565		21,155,000		-	375,000	20,780,000	None
60416TRS9	7/1/2041	Term (d)	4.707		17,905,000			305,000	17,600,000	None
				\$	100,000,000	\$	4,135,000	\$ 1,745,000 \$	94,120,000	

Note A: For calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series E and 2022 Series F, the Agency has discretion to select bonds to be redeemed from any maturity or series. See "Section Q – Summary of Special Redemption Provisions".

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2030.
- (b): Sinking fund redemptions begin January 1, 2031.
- (c): Sinking fund redemptions begin January 1, 2034.
- (d): Sinking fund redemptions begin January 1, 2038.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2022 Series F

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	F ginal Amounts	Principal Matured/ Sinking Fund	Principal F	Redemptions	Principal Outstanding	Call Priority
60416TQS0	7/1/2052	Term(a)	Variable*	\$	50,000,000 \$		- \$	- \$	50,000,000	None
				\$	50,000,000 \$		- \$	- \$	50,000,000	

Note A: For calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series E and 2022 Series F, the Agency has discretion to select bonds to be redeemed from any maturity or series. See "Section Q – Summary of Special Redemption Provisions".

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: May 12, 2022 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2041.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2024 was 5.35%.

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Residential Housing Finance Bonds, 2022 Series G

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Principal Matured/ Sinking Fund	Principal F	Redemptions	Principal Outstanding	Call Priority A and E	(Note 3)
60416TRU4	7/1/2023	Serial	2.884	\$	1,090,000 \$	1,085,000	\$	5,000 \$	-	2	
60416TRV2	1/1/2024	Serial	3.024		1,110,000	1,105,000		5,000	-	2	
60416TRW0	7/1/2024	Serial	3.174		1,130,000	-		5,000	1,125,000	2	
60416TRX8	1/1/2025	Serial	3.418		1,155,000	-		5,000	1,150,000	2	
60416TRY6	7/1/2025	Serial	3.478		1,180,000	-		5,000	1,175,000	2	
60416TRZ3	1/1/2026	Serial	3.647		1,205,000	-		10,000	1,195,000	2	
60416TSA7	7/1/2026	Serial	3.727		1,230,000	-		10,000	1,220,000	2	
60416TSB5	1/1/2027	Serial	3.777		1,255,000	-		10,000	1,245,000	2	
60416TSC3	7/1/2027	Serial	3.827		1,285,000	-		10,000	1,275,000	2	
60416TSD1	1/1/2028	Serial	3.918		1,315,000	-		10,000	1,305,000	2	
60416TSE9	7/1/2028	Serial	4.018		1,345,000	-		10,000	1,335,000	2	
60416TSF6	1/1/2029	Serial	4.088		1,380,000	-		10,000	1,370,000	2	
60416TSG4	7/1/2029	Serial	4.188		1,410,000	-		10,000	1,400,000	2	
60416TSH2	1/1/2030	Serial	4.275		1,445,000	-		10,000	1,435,000	2	
60416TSJ8	7/1/2030	Serial	4.325		1,485,000	-		10,000	1,475,000	2	
60416TSK5	1/1/2031	Serial	4.375		1,520,000	-		10,000	1,510,000	2	
60416TSL3	7/1/2031	Serial	4.425		1,560,000	-		10,000	1,550,000	2	
60416TSM1	1/1/2032	Serial	4.445		1,600,000	-		15,000	1,585,000	2	
60416TSN9	7/1/2032	Serial	4.495		1,645,000	-		20,000	1,625,000	2	
60416TSP4	1/1/2033	Serial	4.555		1,685,000	-		25,000	1,660,000	2	
60416TSQ2	7/1/2033	Serial	4.595		1,735,000	-		25,000	1,710,000	2	
60416TSR0	1/1/2034	Serial	4.655		1,780,000	-		30,000	1,750,000	2	
60416TSS8	7/1/2034	Serial	4.705		1,830,000	-		30,000	1,800,000	2	
60416TST6	7/1/2037	Term (a)	4.825		12,100,000	-		110,000	11,990,000	2	
60416TSU3	1/1/2039	Term (b)	4.947		6,675,000	-		60,000	6,615,000	2	
60416TSV1	1/1/2047	Term (c)	4.337		48,850,000	-		1,480,000	47,370,000	1	
				\$	100,000,000 \$	2,190,000	\$	1,940,000 \$	95,870,000	_	

Note A: For calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series G and 2022 Series H, the Agency has discretion to select bonds to be redeemed from any maturity or series. See "Section Q – Summary of Special Redemption Provisions".

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series G PAC Term bonds maturing January 1, 2047. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2035.
- (b): Sinking fund redemptions begin January 1, 2038.
- (c): Sinking fund redemptions begin January 1, 2039.

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Residential Housing Finance Bonds, 2022 Series H

Taxable

					F	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	С	riginal Amounts	Sinking Fund	Principal	I Redemptions	Principal Outstanding	A and E	3)
60416TRT7	7/1/2052	Term(a)	Variable*	\$	50,000,000 \$		- \$	- \$	50,000,000	2	
				\$	50,000,000 \$		- \$	- \$	50,000,000	_	

Note A: For calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series G and 2022 Series H, the Agency has discretion to select bonds to be redeemed from any maturity or series. See "Section Q – Summary of Special Redemption Provisions".

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series G PAC Term bonds maturing January 1, 2047. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 7, 2022 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2047.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2024 was 5.35%.

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Residential Housing Finance Bonds, 2022 Series I

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Orig	ginal Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority A and B)	(Note
60416TUX4	7/1/2023	Serial	2.450	\$	100,000 \$	100,000	\$ - \$	-	2	
60416TUY2	1/1/2024	Serial	2.500		235,000	235,000	-	-	2	
60416TUZ9	7/1/2024	Serial	2.600		340,000	-	-	340,000	2	
60416TVA3	1/1/2025	Serial	2.650		350,000	-	-	350,000	2	
60416TVB1	7/1/2025	Serial	2.700		355,000	-	-	355,000	2	
60416TVC9	1/1/2026	Serial	2.850		360,000	-	-	360,000	2	
60416TVD7	7/1/2026	Serial	2.900		370,000	-	-	370,000	2	
60416TVE5	1/1/2027	Serial	3.000		375,000	-	-	375,000	2	
60416TVF2	7/1/2027	Serial	3.100		380,000	-	-	380,000	2	
60416TVG0	1/1/2028	Serial	3.150		390,000	-	-	390,000	2	
60416TVH8	7/1/2028	Serial	3.200		395,000	-	-	395,000	2	
60416TVJ4	1/1/2029	Serial	3.300		400,000	-	-	400,000	2	
60416TVK1	7/1/2029	Serial	3.350		410,000	-	-	410,000	2	
60416TVL9	1/1/2030	Serial	3.450		420,000	-	-	420,000	2	
60416TVM7	7/1/2030	Serial	3.500		425,000	-	-	425,000	2	
60416TVN5	1/1/2031	Serial	3.700		435,000	-	-	435,000	2	
60416TVP0	7/1/2031	Serial	3.750		445,000	-	-	445,000	2	
60416TVQ8	1/1/2032	Serial	3.850		455,000	-	-	455,000	2	
60416TVR6	7/1/2032	Serial	3.900		465,000	-	-	465,000	2	
60416TVS4	1/1/2033	Serial	4.000		475,000	-	-	475,000	2	
60416TVT2	7/1/2033	Serial	4.000		485,000	-	-	485,000	2	
60416TVU9	1/1/2034	Serial	4.100		495,000	-	-	495,000	2	
60416TVV7	7/1/2034	Serial	4.125		510,000	-	-	510,000	2	
60416TVW6	1/1/2035	Serial	4.500		520,000	-	-	520,000	2	
60416TVX3	7/1/2035	Serial	4.200		125,000	-	-	125,000	2	
60416TVY1	7/1/2053	Term (a)	5.000		30,285,000	-	1,455,000	28,830,000	1	
				\$	40,000,000 \$	335,000	\$ 1,455,000 \$	38,210,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series I, 2022 Series J and 2023 Series K.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series I PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2032 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2035.

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Residential Housing Finance Bonds, 2022 Series J

Taxable

					Pr	rincipal Matured/			Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Orig	inal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B))
60416TVZ8	1/1/2024	Serial	4.058	\$	510,000 \$	505,000	\$ 5,000 \$	-	2	
60416TWA2	7/1/2024	Serial	4.108		525,000	-	5,000	520,000	2	
60416TWB0	1/1/2025	Serial	4.169		525,000	-	5,000	520,000	2	
60416TWC8	7/1/2025	Serial	4.219		535,000	-	5,000	530,000	2	
60416TWD6	1/1/2026	Serial	4.241		545,000	-	5,000	540,000	2	
60416TWE4	7/1/2026	Serial	4.321		550,000	-	5,000	545,000	2	
60416TWF1	1/1/2027	Serial	4.341		560,000	-	5,000	555,000	2	
60416TWG9	7/1/2027	Serial	4.421		570,000	-	5,000	565,000	2	
60416TWH7	1/1/2028	Serial	4.433		580,000	-	5,000	575,000	2	
60416TWJ3	7/1/2028	Serial	4.483		590,000	-	5,000	585,000	2	
60416TWK0	1/1/2029	Serial	4.533		605,000	-	5,000	600,000	2	
60416TWL8	7/1/2029	Serial	4.583		615,000	-	5,000	610,000	2	
60416TWM6	1/1/2030	Serial	4.623		625,000	-	10,000	615,000	2	
60416TWN4	7/1/2030	Serial	4.673		640,000	-	10,000	630,000	2	
60416TWP9	1/1/2031	Serial	4.773		655,000	-	10,000	645,000	2	
60416TWQ7	7/1/2031	Serial	4.823		665,000	-	15,000	650,000	2	
60416TWR5	1/1/2032	Serial	4.923		680,000	-	15,000	665,000	2	
60416TWS3	7/1/2032	Serial	4.973		695,000	-	20,000	675,000	2	
60416TWT1	1/1/2033	Serial	5.023		710,000	-	20,000	690,000	2	
60416TWW4	7/1/2034	Term (a)	5.143		2,230,000	-	25,000	2,205,000	2	
60416TWX2	7/1/2040	Term (b)	5.163		10,680,000	-	145,000	10,535,000	2	
60416TWY0	7/1/2045	Term (c)	5.263		10,700,000	-	150,000	10,550,000	_ 2	
				\$	34,990,000 \$	505,000	\$ 480,000 \$	34,005,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series I, 2022 Series J and 2023 Series K.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series I PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin July 1, 2033.
- (b): Sinking fund redemptions begin January 1, 2035.
- (c): Sinking fund redemptions begin January 1, 2041.

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Residential Housing Finance Bonds, 2022 Series K

Taxable

					P	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	iginal Amounts	Sinking Fund	Principal	Redemptions	Principal Outstanding	A and B)	<u> </u>
60416TUV8	7/1/2053	Term(a)	Variable*	\$	25,000,000 \$	-	\$	- \$	25,000,000	2	
				\$	25,000,000 \$	-	\$	- \$	25,000,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series I, 2022 Series J and 2023 Series K.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series I PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: September 29, 2022 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2045.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on June 30, 2024 was 5.35%.

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Residential Housing Finance Bonds, 2022 Series L

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TX A1	1/1/2024	Serial	3.750	\$	235,000 \$	235,000	\$ - \$	-	2
60416TXB9	7/1/2024	Serial	3.800		475,000	-	-	475,000	2
60416TXC7	1/1/2025	Serial	4.000		785,000	-	-	785,000	2
60416TX D5	7/1/2025	Serial	4.050		805,000	-	-	805,000	2
60416TXE3	1/1/2026	Serial	4.250		815,000	-	-	815,000	2
60416TXF0	7/1/2026	Serial	4.350		835,000	-	-	835,000	2
60416TXG8	1/1/2027	Serial	4.500		850,000	-	-	850,000	2
60416TXH6	7/1/2027	Serial	4.550		865,000	-	-	865,000	2
60416TXJ2	1/1/2028	Serial	4.600		885,000	-	-	885,000	2
60416TXK9	7/1/2028	Serial	4.700		905,000	-	-	905,000	2
60416TXL7	1/1/2029	Serial	4.800		925,000	-	-	925,000	2
60416TXM5	7/1/2029	Serial	4.850		945,000	-	-	945,000	2
60416TXN3	1/1/2030	Serial	4.900		965,000	-	-	965,000	2
60416TXP8	7/1/2030	Serial	4.950		990,000	-	-	990,000	2
60416TXQ6	1/1/2031	Serial	5.000		1,010,000	-	-	1,010,000	2
60416TXR4	7/1/2031	Serial	5.050		1,035,000	-	-	1,035,000	2
60416TXS2	1/1/2032	Serial	5.050		1,060,000	-	-	1,060,000	2
60416TXT0	7/1/2032	Serial	5.100		1,085,000	-	-	1,085,000	2
60416TXU7	7/1/2036	Term (a)	5.350		8,820,000	-	-	8,820,000	2
				\$	24,290,000 \$	235,000	\$ - \$	24,055,000	=

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series L, 2022 Series M and 2022 Series N.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series M PAC Term bonds maturing January 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2032 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2033.

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Residential Housing Finance Bonds, 2022 Series M

Non-AMT

						Principal Matured/			Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Oriç	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)
60416TXV5	1/1/2024	Serial	3.150	\$	525,000 \$	525,000	\$ - \$	-	. 2
60416TXW3	7/1/2024	Serial	3.300		300,000	-	-	300,000	2
60416TXX1	7/1/2037	Term (a)	4.850		3,665,000	-	-	3,665,000	2
60416TXY9	7/1/2042	Term (b)	5.100		16,260,000	-	-	16,260,000	2
60416TXZ6	7/1/2045	Term (c)	5.150		11,035,000	-	-	11,035,000	2
60416TXA0	1/1/2053	Term (d)	6.000		43,925,000	-	1,070,000	42,855,000	1
				\$	75,710,000 \$	525,000	\$ 1,070,000 \$	74,115,000	<u> </u>

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series L, 2022 Series M and 2022 Series N.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series M PAC Term bonds maturing January 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin July 1, 2036.
- (b): Sinking fund redemptions begin January 1, 2038.
- (c): Sinking fund redemptions begin January 1, 2043.
- (d): Sinking fund redemptions begin July 1, 2045.

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Residential Housing Finance Bonds, 2022 Series N

Taxable

					Prir	ncipal Matured/			Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Orig	inal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and E	В)
60416TYB8	1/1/2024	Serial	4.840	\$	380,000 \$	380,000	\$ -	-	2	
60416TYC6	7/1/2024	Serial	4.890		385,000	-	5,000	380,000	2	
60416TYD4	1/1/2025	Serial	4.843		395,000	-	5,000	390,000	2	
60416TYE2	7/1/2025	Serial	4.943		400,000	-	5,000	395,000	2	
60416TYF9	1/1/2026	Serial	4.944		410,000	-	5,000	405,000	2	
60416TYG7	7/1/2026	Serial	4.994		415,000	-	5,000	410,000	2	
60416TYH5	1/1/2027	Serial	5.044		425,000	-	5,000	420,000	2	
60416TYJ1	7/1/2027	Serial	5.094		435,000	-	5,000	430,000	2	
60416TYK8	1/1/2028	Serial	5.224		445,000	-	5,000	440,000	2	
60416TYL6	7/1/2028	Serial	5.274		455,000	-	5,000	450,000	2	
60416TYM4	1/1/2029	Serial	5.324		460,000	-	5,000	455,000	2	
60416TYN2	7/1/2029	Serial	5.374		475,000	-	10,000	465,000	2	
60416TYP7	1/1/2030	Serial	5.459		485,000	-	10,000	475,000	2	
60416TYQ5	7/1/2030	Serial	5.509		495,000	-	15,000	480,000	2	
60416TYR3	1/1/2031	Serial	5.559		505,000	-	15,000	490,000	2	
60416TYS1	7/1/2031	Serial	5.659		520,000	-	15,000	505,000	2	
60416TYT9	1/1/2032	Serial	5.709		530,000	-	15,000	515,000	2	
60416TYU6	7/1/2032	Serial	5.759		545,000	-	20,000	525,000	2	
60416TYV4	7/1/2033	Term (a)	5.859		1,125,000	-	25,000	1,100,000	2	
60416TYW2	7/1/2038	Term (b)	5.959		6,575,000	-	130,000	6,445,000	2	
60416TYX0	7/1/2043	Term (c)	6.145		8,575,000	-	160,000	8,415,000	2	
60416TYY8	7/1/2048	Term (d)	6.245		10,850,000	-	205,000	10,645,000	2	
60416TYZ5	7/1/2053	Term (e)	6.345		14,715,000		280,000	14,435,000	_ 2	
				\$	50,000,000 \$	380,000	\$ 950,000 \$	48,670,000		

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2022 Series L, 2022 Series M and 2022 Series N.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2022 Series M PAC Term bonds maturing January 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2033.
- (b): Sinking fund redemptions begin January 1, 2034.
- (c): Sinking fund redemptions begin January 1, 2039.
- (d): Sinking fund redemptions begin January 1, 2044.
- (e): Sinking fund redemptions begin January 1, 2050.

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Residential Housing Finance Bonds, 2023 Series A

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	iginal Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority A and E	(Note B)
60416TA24	1/1/2024	Serial	3.050	\$	400,000 \$	400,000	\$ - \$	-	2	
60416TA32	7/1/2024	Serial	3.100		410,000	-	-	410,000	2	
60416TA40	1/1/2025	Serial	3.200		420,000	-	-	420,000	2	
60416TA57	7/1/2025	Serial	3.250		425,000	-	-	425,000	2	
60416TA65	1/1/2026	Serial	3.350		435,000	-	-	435,000	2	
60416TA73	7/1/2026	Serial	3.450		645,000	-	-	645,000	2	
60416TA81	1/1/2027	Serial	3.500		655,000	-	-	655,000	2	
60416TA99	7/1/2027	Serial	3.550		665,000	-	-	665,000	2	
60416TB23	1/1/2028	Serial	3.600		675,000	-	-	675,000	2	
60416TB31	7/1/2028	Serial	3.650		685,000	-	-	685,000	2	
60416TB49	1/1/2029	Serial	3.700		695,000	-	-	695,000	2	
60416TB56	7/1/2029	Serial	3.750		705,000	-	-	705,000	2	
60416TB64	1/1/2030	Serial	3.800		720,000	-	-	720,000	2	
60416TB72	7/1/2030	Serial	3.850		730,000	-	-	730,000	2	
60416TB80	1/1/2031	Serial	3.900		745,000	-	5,000	740,000	2	
60416TB98	7/1/2031	Serial	3.950		755,000	-	5,000	750,000	2	
60416TC22	1/1/2032	Serial	4.000		770,000	-	5,000	765,000	2	
60416TC30	7/1/2032	Serial	4.050		785,000	-	5,000	780,000	2	
60416TC48	1/1/2033	Serial	4.100		250,000	-	-	250,000	2	
				\$	11,570,000 \$	400,000	\$ 20,000 \$	11,150,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series A, 2023 Series B and 2023 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series B PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

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Residential Housing Finance Bonds, 2023 Series B

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Orio	P ginal Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TC55	1/1/2024	Serial	2.600	\$	200,000 \$		\$ - \$		2
60416TC63	7/1/2024	Serial	2.650	Ψ	200,000 \$	200,000	ψ - ψ -	200,000	2
60416TC71	1/1/2024	Serial	2.700		200,000	_	_	200,000	2
	7/1/2025						-		-
60416TC89		Serial	2.750		200,000	-	-	200,000	
60416TC97	1/1/2026	Serial	2.800		200,000	-	-	200,000	2
60416TD21	1/1/2033	Serial	3.450		550,000	-	-	550,000	2
60416TD39	7/1/2033	Serial	3.500		815,000	-	-	815,000	2
60416TD47	1/1/2034	Serial	3.600		830,000	-	-	830,000	2
60416TD54	7/1/2034	Serial	3.650		850,000	-	-	850,000	2
60416TD62	1/1/2035	Serial	3.800		865,000	-	5,000	860,000	2
60416TD70	7/1/2035	Serial	3.850		880,000	-	5,000	875,000	2
60416TD88	7/1/2038	Term(a)	4.100		5,705,000	-	10,000	5,695,000	2
60416TD96	7/1/2043	Term(b)	4.300		11,415,000	-	20,000	11,395,000	2
60416TD20	7/1/2045	Term(c)	4.375		5,365,000	-	10,000	5,355,000	2
60416TD38	7/1/2053	Term(d)	5.750		27,145,000	-	20,000	27,125,000	1
				\$	55,420,000 \$	200,000	\$ 70,000 \$	55,150,000	_ _

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series A, 2023 Series B and 2023 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series B PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2036.
- (b): Sinking fund redemptions begin January 1, 2039.
- (c): Sinking fund redemptions begin January 1, 2044.
- (d): Sinking fund redemptions begin January 1, 2046.

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Residential Housing Finance Bonds, 2023 Series C

Taxable

						Principal Matured/			Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Oriç	ginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)
60416TZA9	1/1/2024	Serial	4.508	\$	295,000 \$	\$ 295,000	\$ - \$	-	2
60416TZB7	7/1/2024	Serial	4.558		300,000	-	-	300,000	2
60416TZC5	1/1/2025	Serial	4.558		305,000	-	-	305,000	2
60416TZD3	7/1/2025	Serial	4.608		310,000	-	-	310,000	2
60416TZE1	1/1/2026	Serial	4.577		315,000	-	-	315,000	2
60416TZF8	7/1/2026	Serial	4.627		320,000	-	-	320,000	2
60416TZG6	1/1/2027	Serial	4.644		320,000	-	-	320,000	2
60416TZH4	7/1/2027	Serial	4.694		325,000	-	-	325,000	2
60416TZJ0	1/1/2028	Serial	4.744		330,000	-	-	330,000	2
60416TZK7	7/1/2028	Serial	4.794		340,000	-	-	340,000	2
60416TZL5	1/1/2029	Serial	4.847		345,000	-	-	345,000	2
60416TZM3	7/1/2029	Serial	4.897		350,000	-	-	350,000	2
60416TZN1	1/1/2030	Serial	4.967		355,000	-	-	355,000	2
60416TZP6	7/1/2030	Serial	5.017		360,000	-	-	360,000	2
60416TZQ4	1/1/2031	Serial	4.998		365,000	-	-	365,000	2
60416TZR2	7/1/2031	Serial	5.048		375,000	-	-	375,000	2
60416TZS0	1/1/2032	Serial	5.098		380,000	-	-	380,000	2
60416TZT8	7/1/2032	Serial	5.138		385,000	-	-	385,000	2
60416TZU5	1/1/2033	Serial	5.188		395,000	-	10,000	385,000	2
60416TZV3	7/1/2033	Serial	5.228		400,000	-	15,000	385,000	2
60416TZW1	7/1/2038	Term (a)	5.288		4,505,000	-	15,000	4,490,000	2
60416TZX9	7/1/2043	Term (b)	5.391		5,620,000	-	25,000	5,595,000	2
60416TZY7	7/1/2048	Term (c)	5.461		7,105,000	-	30,000	7,075,000	2
60416TZZ4	7/1/2053	Term (d)	5.591		8,900,000	-	30,000	8,870,000	2
				\$	33,000,000 \$	295,000	\$ 125,000 \$	32,580,000	•

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series A, 2023 Series B and 2023 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series B PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2034.
- (b): Sinking fund redemptions begin January 1, 2039.
- (c): Sinking fund redemptions begin January 1, 2044.
- (d): Sinking fund redemptions begin January 1, 2049.

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Residential Housing Finance Bonds, 2023 Series D

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori		ncipal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416TE61	1/1/2024	Serial	2.800	\$	115,000 \$		\$ - \$	- Imolpai Odiotaliang	2
60416TE79	7/1/2024	Serial	2.800	Ψ	510,000	-	· ·	510,000	2
60416TE87	1/1/2025	Serial	2.850		520,000	_	-	520,000	2
60416TE95	7/1/2025	Serial	2.850		525,000	_	-	525,000	2
60416TF29	1/1/2026	Serial	2.900		535,000	_	-	535,000	2
60416TF37	7/1/2026	Serial	2.950		545,000	-	-	545,000	2
60416TF45	1/1/2027	Serial	3.000		555,000	_	-	555,000	2
60416TF52	7/1/2027	Serial	3.050		565,000	-	-	565,000	2
60416TF60	1/1/2028	Serial	3.100		575,000	_	-	575,000	2
60416TF78	7/1/2028	Serial	3.150		585,000	_	-	585,000	2
60416TF86	1/1/2029	Serial	3.200		595,000	_	-	595,000	2
60416TF94	7/1/2029	Serial	3.250		605,000	_	-	605,000	2
60416TG28	1/1/2030	Serial	3.300		615,000	_	-	615,000	2
60416TG36	7/1/2030	Serial	3.350		625,000	_	-	625,000	2
60416TG44	1/1/2031	Serial	3.400		640,000	_	-	640,000	2
60416TG51	7/1/2031	Serial	3.450		650,000	-	-	650,000	2
60416TG43	1/1/2035	Serial	3.750		750,000	_	-	750,000	2
60416TG50	7/1/2035	Serial	3.800		765,000	-	-	765,000	2
60416TG77	7/1/2032	Term(a)	3.550		1,345,000	-	-	1,345,000	2
60416TG93	7/1/2033	Term(b)	3.650		1,395,000	-	-	1,395,000	2
60416TH35	7/1/2034	Term(c)	3.750		1,455,000	-	-	1,455,000	2
60416TH68	7/1/2038	Term(d)	4.150		4,985,000	-	-	4,985,000	2
60416TH76	1/1/2043	Term(e)	4.500		10,115,000	-	-	10,115,000	2
60416TH84	7/1/2045	Term(f)	4.600		4,370,000	-	-	4,370,000	2
60416TH92	7/1/2053	Term(g)	5.500		26,060,000	-	440,000	25,620,000	1
				\$	60,000,000 \$	115,000	\$ 440,000 \$	59,445,000	•

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series D and 2023 Series E.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series B PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2032 and thereafter - 100%.

- (a): Sinking fund redemptions begin January 1, 2032.
- (b): Sinking fund redemptions begin January 1, 2033.
- (c): Sinking fund redemptions begin January 1, 2034.
- (d): Sinking fund redemptions begin January 1, 2036.
- (e): Sinking fund redemptions begin January 1, 2039.
- (f): Sinking fund redemptions begin January 1, 2044.
- (g): Sinking fund redemptions begin July 1, 2045.

Refer to the disclaimer on page A-1

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Residential Housing Finance Bonds, 2023 Series E

Taxable

011015**		D 17		0.1		Principal Matured/	B: : 1B 1	D	Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Orig	inal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B	5)
60416TJ25	1/1/2024	Serial	4.617	\$	115,000	\$ 115,000	\$ - \$	-	2	
60416TJ33	7/1/2024	Serial	4.667		510,000	-	-	510,000	2	
60416TJ41	1/1/2025	Serial	4.717		515,000	-	-	515,000	2	
60416TJ58	7/1/2025	Serial	4.757		525,000	-	-	525,000	2	
60416TJ66	1/1/2026	Serial	4.664		535,000	-	-	535,000	2	
60416TJ74	7/1/2026	Serial	4.714		540,000	-	-	540,000	2	
60416TJ82	1/1/2027	Serial	4.771		550,000	-	-	550,000	2	
60416TJ90	7/1/2027	Serial	4.811		560,000	-	-	560,000	2	
60416TK23	1/1/2028	Serial	4.861		570,000	-	5,000	565,000	2	
60416TK31	7/1/2028	Serial	4.911		580,000	-	5,000	575,000	2	
60416TK49	1/1/2029	Serial	4.954		590,000	-	5,000	585,000	2	
60416TK56	7/1/2029	Serial	5.004		600,000	-	5,000	595,000	2	
60416TK64	1/1/2030	Serial	5.054		615,000	-	5,000	610,000	2	
60416TK72	7/1/2030	Serial	5.114		625,000	-	5,000	620,000	2	
60416TK80	1/1/2031	Serial	5.154		635,000	-	5,000	630,000	2	
60416TK98	7/1/2031	Serial	5.214		650,000	-	5,000	645,000	2	
60416TL22	1/1/2032	Serial	5.254		660,000	-	10,000	650,000	2	
60416TL30	7/1/2032	Serial	5.284		675,000	-	10,000	665,000	2	
60416TL48	1/1/2033	Serial	5.314		690,000	-	10,000	680,000	2	
60416TL55	7/1/2033	Serial	5.354		705,000	-	10,000	695,000	2	
60416TL63	7/1/2038	Term (a)	5.414		7,940,000	-	60,000	7,880,000	2	
60416TL71	7/1/2043	Term (b)	5.463		10,145,000	-	70,000	10,075,000	2	
60416TL89	7/1/2048	Term (c)	5.503		13,180,000	-	95,000	13,085,000	2	
60416TL97	7/1/2053	Term (d)	5.593		17,290,000	-	120,000	17,170,000	2	
				\$	60,000,000	\$ 115,000	\$ 425,000 \$	59,460,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series D and 2023 Series E.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series D PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2034.
- (b): Sinking fund redemptions begin January 1, 2039.
- (c): Sinking fund redemptions begin January 1, 2044.
- (d): Sinking fund redemptions begin January 1, 2049.

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Residential Housing Finance Bonds, 2023 Series F

Non-AMT

						Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Orig	ginal Amounts	Sinking Fund	Principa	al Redemptions	Principal Outstanding	A and E	3)
60416TM54	7/1/2024	Serial	3.250	\$	475,000 \$	-	\$	- \$	475,000	2	
60416TM62	1/1/2025	Serial	3.250		480,000	-		-	480,000	2	
60416TM70	7/1/2025	Serial	3.250		485,000	-		-	485,000	2	
60416TM88	1/1/2026	Serial	3.250		495,000	-		-	495,000	2	
60416TM96	7/1/2026	Serial	3.250		505,000	-		-	505,000	2	
60416TN20	1/1/2027	Serial	3.300		515,000	-		-	515,000	2	
60416TN38	7/1/2027	Serial	3.300		525,000	-		-	525,000	2	
60416TN46	1/1/2028	Serial	3.350		535,000	-		-	535,000	2	
60416TN53	7/1/2028	Serial	3.350		550,000	-		-	550,000	2	
60416TN61	1/1/2029	Serial	3.450		560,000	-		-	560,000	2	
60416TN79	7/1/2029	Serial	3.500		570,000	-		-	570,000	2	
60416TN87	1/1/2030	Serial	3.600		580,000	-		-	580,000	2	
60416TN95	7/1/2030	Serial	3.650		595,000	-		-	595,000	2	
60416TP28	1/1/2031	Serial	3.750		610,000	-		-	610,000	2	
60416TP36	7/1/2031	Serial	3.800		620,000	-		-	620,000	2	
60416TP44	1/1/2032	Serial	3.850		635,000	-		-	635,000	2	
60416TP51	7/1/2032	Serial	3.850		650,000	-		-	650,000	2	
60416TP93	7/1/2034	Serial	4.000		710,000	-		-	710,000	2	
60416TQ27	1/1/2035	Serial	4.100		730,000	-		-	730,000	2	
60416TQ35	7/1/2035	Serial	4.100		750,000	-		-	750,000	2	
60416TP85	1/1/2034	Term (a)	3.950		2,040,000	-		-	2,040,000	2	
60416TQ43	7/1/2038	Term (b)	4.200		4,900,000	-		-	4,900,000	2	
60416TQ50	1/1/2043	Term (c)	4.500		8,445,000	-		-	8,445,000	2	
60416TQ68	7/1/2053	Term (d)	5.750		33,040,000	<u>-</u>		340,000	32,700,000	_ 1	
				\$	60,000,000 \$	-	\$	340,000 \$	59,660,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series F and 2023 Series G.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series F PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2033.
- (b): Sinking fund redemptions begin January 1, 2036.
- (c): Sinking fund redemptions begin January 1, 2039.
- (d): Sinking fund redemptions begin January 1, 2043.

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Residential Housing Finance Bonds, 2023 Series G

Taxable

OLIOID**	Matarita Data	Danid Toma	lutana et Data	Out of	:	Principal Matured/	Dain air	a al Da da santia sa	Drive size at Octata and in a	,	Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Origi	inal Amounts	Sinking Fund	Princip	oal Redemptions	Principal Outstanding	A and B)	
60416TQ76	7/1/2024	Serial	5.194	\$	695,000 \$		- \$	5,000 \$	690,000	2	
60416TQ84	1/1/2025	Serial	5.194		715,000		-	10,000	705,000	2	
60416TQ92	7/1/2025	Serial	5.194		730,000		-	10,000	720,000	2	
60416TR26	1/1/2026	Serial	4.946		745,000		-	10,000	735,000	2	
60416TR34	7/1/2026	Serial	4.996		760,000		-	10,000	750,000	2	
60416TR42	1/1/2027	Serial	4.970		775,000		-	10,000	765,000	2	
60416TR59	7/1/2027	Serial	5.000		790,000		-	10,000	780,000	2	
60416TR67	1/1/2028	Serial	5.040		805,000		-	10,000	795,000	2	
60416TR75	7/1/2028	Serial	5.090		820,000		-	10,000	810,000	2	
60416TR83	1/1/2029	Serial	5.125		835,000		_	10,000	825,000	2	
60416TR91	7/1/2029	Serial	5.155		855,000		_	10,000	845,000	2	
60416TS25	1/1/2030	Serial	5.255		875,000		_	15,000	860,000	2	
60416TS33	7/1/2030	Serial	5.285		895,000		_	15,000	880,000	2	
60416TS41	1/1/2031	Serial	5.246		910,000		-	15,000	895,000	2	
60416TS58	7/1/2031	Serial	5.286		935,000		-	15,000	920,000	2	
60416TS66	1/1/2032	Serial	5.346		955,000		-	15,000	940,000	2	
60416TS74	7/1/2032	Serial	5.366		975,000		-	30,000	945,000	2	
60416TT24	7/1/2038	Term (a)	5.406		13,700,000		-	200,000	13,500,000	2	
60416TT32	7/1/2043	Term (b)	5.475		15,205,000		-	225,000	14,980,000	2	
60416TT40	7/1/2048	Term (c)	5.525		20,125,000		-	305,000	19,820,000	2	
60416TT57	7/1/2053	Term (d)	5.575		26,900,000		-	410,000	26,490,000	2	
				\$	90,000,000 \$		- \$	1,350,000 \$	88,650,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series F and 2023 Series G.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series F PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2033.
- (b): Sinking fund redemptions begin January 1, 2039.
- (c): Sinking fund redemptions begin January 1, 2044.
- (d): Sinking fund redemptions begin January 1, 2049.

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Residential Housing Finance Bonds, 2023 Series H

Taxable

					Principal Matured/			Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)
60416TT73	1/1/2026	Serial	5.113	\$ 1,250,00	0 \$ -	\$ 45,000	\$ 1,205,000	2
60416TT81	7/1/2026	Serial	5.163	1,285,00	0 -	50,000	1,235,000	2
60416TT99	1/1/2027	Serial	5.105	1,325,00	0 -	50,000	1,275,000	2
60416TU22	7/1/2027	Serial	5.135	710,00	0 -	30,000	680,000	2
60416TU30	1/1/2028	Serial	5.185	735,00	0 -	35,000	700,000	2
60416TU48	7/1/2028	Serial	5.245	755,00	0 -	35,000	720,000	2
60416TU55	1/1/2029	Serial	5.233	780,00	0 -	35,000	745,000	2
60416TU63	7/1/2029	Serial	5.283	805,00	0 -	35,000	770,000	2
60416TU71	1/1/2030	Serial	5.383	825,00	0 -	35,000	790,000	2
60416TU89	7/1/2030	Serial	5.413	855,00	0 -	35,000	820,000	2
60416TU97	1/1/2031	Serial	5.294	880,00	0 -	35,000	845,000	2
60416TV21	7/1/2031	Serial	5.344	910,00	0 -	35,000	875,000	2
60416TV39	1/1/2032	Serial	5.384	935,00	0 -	35,000	900,000	2
60416TV47	7/1/2032	Serial	5.404	965,00	0 -	35,000	930,000	2
60416TV54	1/1/2033	Serial	5.464	995,00	0 -	35,000	960,000	2
60416TV62	7/1/2033	Serial	5.484	1,030,00	0 -	40,000	990,000	2
60416TV70	7/1/2038	Term (a)	5.504	12,300,00	0 -	490,000	11,810,000	2
60416TV88	7/1/2043	Term (b)	5.671	16,310,00	0 -	650,000	15,660,000	2
60416TV96	7/1/2053	Term (c)	6.000	26,350,00	0 -	45,000	26,305,000	1
				\$ 70,000,00	0 \$ -	\$ 1,785,000	\$ 68,215,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series H and 2023 Series I.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series H PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2034.
- (b): Sinking fund redemptions begin January 1, 2039.
- (c): Sinking fund redemptions begin January 1, 2050.

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Residential Housing Finance Bonds, 2023 Series I

Taxable

					P	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	iginal Amounts	Sinking Fund	Principal	I Redemptions	Principal Outstanding	A and B)
60416TT65	1/1/2050	Term(a)	Variable*	\$	30,000,000 \$		- \$	- \$	30,000,000	2	
				\$	30,000,000 \$		- \$	- \$	30,000,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series H and 2023 Series I.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series H PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 26, 2023 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2039.

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Residential Housing Finance Bonds, 2023 Series J

Taxable

						Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Princip	al Redemptions	Principal Outstanding	A and B	3)
60416TW87	1/1/2026	Serial	5.241	\$	1,825,000 \$		- \$	20,000 \$	1,805,000	2	
60416TW95	7/1/2026	Serial	5.241		1,880,000		-	20,000	1,860,000	2	
60416TX29	1/1/2027	Serial	5.232		1,935,000		-	25,000	1,910,000	2	
60416TX37	7/1/2027	Serial	5.262		1,040,000		-	15,000	1,025,000	2	
60416TX45	1/1/2028	Serial	5.332		1,070,000		-	15,000	1,055,000	2	
60416TX52	7/1/2028	Serial	5.382		1,100,000		-	15,000	1,085,000	2	
60416TX60	1/1/2029	Serial	5.355		1,135,000		-	15,000	1,120,000	2	
60416TX78	7/1/2029	Serial	5.405		1,170,000		-	15,000	1,155,000	2	
60416TX86	1/1/2030	Serial	5.445		1,205,000		-	15,000	1,190,000	2	
60416TX94	7/1/2030	Serial	5.485		1,245,000		-	15,000	1,230,000	2	
60416TY28	1/1/2031	Serial	5.378		1,280,000		-	15,000	1,265,000	2	
60416TY36	7/1/2031	Serial	5.428		1,320,000		-	15,000	1,305,000	2	
60416TY44	1/1/2032	Serial	5.438		1,365,000		-	15,000	1,350,000	2	
60416TY51	7/1/2032	Serial	5.448		1,405,000		-	20,000	1,385,000	2	
60416TY69	1/1/2033	Serial	5.498		1,450,000		-	15,000	1,435,000	2	
60416TY77	7/1/2033	Serial	5.518		1,495,000		-	20,000	1,475,000	2	
60416TY85	7/1/2038	Term (a)	5.598		17,845,000		-	220,000	17,625,000	2	
60416TY93	7/1/2043	Term (b)	5.700		24,560,000		-	300,000	24,260,000	2	
60416TZ27	1/1/2048	Term (c)	5.750		26,665,000		-	330,000	26,335,000	2	
60416TZ35	1/1/2054	Term (d)	6.000		39,010,000		-	5,000	39,005,000	_ 1	
				\$	130,000,000 \$		- \$	1,125,000 \$	128,875,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series J and 2023 Series K.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series J PAC Term bonds maturing January 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2034.
- (b): Sinking fund redemptions begin January 1, 2039.
- (c): Sinking fund redemptions begin January 1, 2044.
- (d): Sinking fund redemptions begin July 1, 2050.

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Residential Housing Finance Bonds, 2023 Series K

Taxable

					F	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Oı	riginal Amounts	Sinking Fund	Principa	I Redemptions	Principal Outstanding	A and E	3)
60416TW38	7/1/2050	Term(a)	Variable*	\$	20,000,000 \$		- \$	- \$	20,000,000	2	
				\$	20,000,000 \$		- \$	- \$	20,000,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series J and 2023 Series K.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series J PAC Term bonds maturing January 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: August 24, 2023 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2048.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2023 Series L

Taxable

					Principal Matured/			Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)
60416TZ76	1/1/2026	Serial	5.217	\$ 1,185,000	\$ -	\$ 35,000 \$	1,150,000	2
60416TZ84	7/1/2026	Serial	5.217	1,295,000	-	35,000	1,260,000	2
60416TZ92	1/1/2027	Serial	5.264	1,335,000	-	40,000	1,295,000	2
60416T2A5	7/1/2027	Serial	5.344	720,000	-	20,000	700,000	2
60416T2B3	1/1/2028	Serial	5.364	740,000	-	20,000	720,000	2
60416T2C1	7/1/2028	Serial	5.414	760,000	-	20,000	740,000	2
60416T2D9	1/1/2029	Serial	5.480	785,000	-	20,000	765,000	2
60416T2E7	7/1/2029	Serial	5.540	810,000	-	25,000	785,000	2
60416T2F4	1/1/2030	Serial	5.580	835,000	-	30,000	805,000	2
60416T2G2	7/1/2030	Serial	5.610	860,000	-	30,000	830,000	2
60416T2H0	1/1/2031	Serial	5.546	885,000	-	30,000	855,000	2
60416T2J6	7/1/2031	Serial	5.576	915,000	-	30,000	885,000	2
60416T2K3	1/1/2032	Serial	5.596	945,000	-	30,000	915,000	2
60416T2L1	7/1/2032	Serial	5.626	970,000	-	35,000	935,000	2
60416T2M9	1/1/2033	Serial	5.626	1,000,000	-	35,000	965,000	2
60416T2N7	7/1/2033	Serial	5.646	1,035,000	-	35,000	1,000,000	2
60416T2P2	7/1/2038	Term (a)	5.666	12,325,000	-	390,000	11,935,000	2
60416T2Q0	1/1/2044	Term (b)	5.843	18,570,000	-	590,000	17,980,000	2
60416T2R8	7/1/2053	Term (c)	6.250	24,030,000	-	5,000	24,025,000	
				\$ 70,000,000	\$ -	\$ 1,455,000 \$	68,545,000	<u>-</u>

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series L and 2023 Series M.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series L PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2034.
- (b): Sinking fund redemptions begin January 1, 2039.
- (c): Sinking fund redemptions begin January 1, 2050.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2023 Series M

Taxable

					F	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	0	riginal Amounts	Sinking Fund	Principa	l Redemptions	Principal Outstanding	A and E	3)
60416TZ50	1/1/2050	Term(a)	Variable*	\$	30,000,000 \$		- \$	- \$	30,000,000	2	
				\$	30,000,000 \$		- \$	- \$	30,000,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series L and 2023 Series M.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series L PAC Term bonds maturing January 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: September 14, 2023 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2044.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2023 Series N

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Principal Matured/ Sinking Fund	Principal Redempt	tions	Principal Outstanding	Call Priority A and E	(Note
				\$							
60416T4Q8	7/1/2024	Serial	3.875	Ф	210,000 \$	-	\$	- \$	210,000	2	
60416T4R6	1/1/2025	Serial	3.900		485,000	-		-	485,000	2	
60416T4S4	1/1/2026	Serial	3.950		500,000	-		-	500,000	2	
60416T4T2	7/1/2026	Serial	4.000		510,000	-		-	510,000	2	
60416T4U9	1/1/2027	Serial	4.050		520,000	-		-	520,000	2	
60416T4V7	7/1/2027	Serial	4.100		530,000	-		-	530,000	2	
60416T4W5	1/1/2028	Serial	4.200		540,000	-		-	540,000	2	
60416T4X3	7/1/2028	Serial	4.250		555,000	-		-	555,000	2	
60416T4Y1	1/1/2029	Serial	4.300		565,000	-		-	565,000	2	
60416T4Z8	7/1/2029	Serial	4.400		580,000	-		-	580,000	2	
60416T5A2	1/1/2030	Serial	4.450		590,000	-		-	590,000	2	
60416T5B0	7/1/2030	Serial	4.500		605,000	-		-	605,000	2	
60416T5C8	1/1/2031	Serial	4.550		615,000	-		-	615,000	2	
60416T5D6	7/1/2031	Serial	4.600		630,000	-		-	630,000	2	
60416T5E4	1/1/2032	Serial	4.625		645,000	-		-	645,000	2	
60416T5F1	7/1/2032	Serial	4.650		660,000	-		-	660,000	2	
60416T5G9	1/1/2033	Serial	4.700		675,000	-		-	675,000	2	
60416T5H7	7/1/2033	Serial	4.700		690,000	-		-	690,000	2	
60416T5J3	1/1/2034	Serial	4.750		710,000	-		-	710,000	2	
60416T4K0	7/1/2034	Serial	4.750		180,000	-			180,000	_ 2	
				\$	10,995,000 \$	-	\$	- \$	10,995,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series N, 2023 Series O, 2023 Series P and 2023 Series Q.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series O PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2033 and thereafter - 100%.

** CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2023 Series O

Non-AMT

					Pri	incipal Matured/				Call Priority (Note	
CUSIP**	Maturity Date	Bond Type	Interest Rate	Oriç	ginal Amounts	Sinking Fund	Principal F	Redemptions	Principal Outstanding	A and B)	
60416T5L8	7/1/2025	Serial	3.500	\$	495,000 \$		- \$	- \$	495,000	2	
60416T5M6	7/1/2038	Term (a)	4.450		7,035,000		-	- \$	7,035,000	2	
60416T5N4	7/1/2041	Term (b)	4.650		5,680,000		-	- \$	5,680,000	2	
60416T5P9	7/1/2053	Term (c)	6.000		35,795,000		-	- \$	35,795,000	_ 1	
				\$	49,005,000 \$		- \$	- \$	49,005,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series N, 2023 Series O, 2023 Series P and 2023 Series Q.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series O PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin July 1, 2034.
- (b): Sinking fund redemptions begin January 1, 2039.
- (c): Sinking fund redemptions begin July 1, 2041.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2023 Series P

Taxable

						Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Oriç	ginal Amounts	Sinking Fund	Princip	al Redemptions	Principal Outstanding	A and E	В)
60416T3V8	1/1/2026	Serial	5.380	\$	1,060,000 \$		- \$	15,000 \$	1,045,000	2	_
60416T3W6	7/1/2026	Serial	5.380		1,490,000		-	15,000	1,475,000	2	
60416T3X4	1/1/2027	Serial	5.372		1,520,000		-	15,000	1,505,000	2	
60416T3Y2	7/1/2027	Serial	5.392		800,000		-	-	800,000	2	
60416T3Z9	1/1/2028	Serial	5.442		815,000		-	-	815,000	2	
60416T4A3	7/1/2028	Serial	5.522		830,000		-	-	830,000	2	
60416T4B1	1/1/2029	Serial	5.547		850,000		-	-	850,000	2	
60416T4C9	7/1/2029	Serial	5.597		865,000		-	-	865,000	2	
60416T4D7	1/1/2030	Serial	5.657		885,000		-	-	885,000	2	
60416T4E5	7/1/2030	Serial	5.707		905,000		-	-	905,000	2	
60416T4F2	1/1/2031	Serial	5.616		925,000		-	-	925,000	2	
60416T4G0	7/1/2031	Serial	5.656		945,000		-	-	945,000	2	
60416T4H8	1/1/2032	Serial	5.696		965,000		-	-	965,000	2	
60416T4J4	7/1/2032	Serial	5.696		990,000		-	-	990,000	2	
60416T4K1	1/1/2033	Serial	5.716		1,015,000		-	5,000	1,010,000	2	
60416T4L9	7/1/2033	Serial	5.726		1,040,000		-	10,000	1,030,000	2	
60416T4M7	7/1/2038	Term (a)	4.700		11,885,000		-	45,000	11,840,000	2	
60416T4N5	7/1/2043	Term (b)	4.700		15,380,000		-	60,000	15,320,000	2	
60416T4P0	1/1/2048	Term (c)	4.750		16,835,000		-	65,000	16,770,000	2	
				\$	60,000,000 \$		- \$	230,000 \$	59,770,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series N, 2023 Series O, 2023 Series P and 2023 Series Q.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series O PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2034.
- (b): Sinking fund redemptions begin January 1, 2039.
- (c): Sinking fund redemptions begin January 1, 2044.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2023 Series Q

Taxable

					P	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	iginal Amounts	Sinking Fund	Principa	I Redemptions	Principal Outstanding	A and B)
60416T3Q9	7/1/2053	Term(a)	Variable*	\$	30,000,000 \$		- \$	- \$	30,000,000	2	
				\$	30,000,000 \$		- \$	- \$	30,000,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series N, 2023 Series O, 2023 Series P and 2023 Series Q.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series O PAC Term bonds maturing July 1, 2053. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: October 12, 2023 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2048.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2023 Series R

Non-AMT

					P	rincipal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	0	riginal Amounts	Sinking Fund	Principa	I Redemptions	Principal Outstanding	A and B)	
60416T6P8	7/1/2054	Term (a)	6.250	\$	48,750,000 \$		- \$	- \$	48,750,000	_ 1	
				\$	48,750,000 \$		- \$	- \$	48,750,000		

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series R, 2023 Series S and 2023 Series T.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series R PAC Term bonds maturing July 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2033 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2025.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2023 Series S

Taxable

					Prin	ncipal Matured/				Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts S	Sinking Fund	Principal F	Redemptions	Principal Outstanding	A and B)
60416T6K9	1/1/2034	Term (a)	5.685	\$	16,795,000 \$	-	\$	- \$	16,795,000	2
60416T6L7	7/1/2039	Term (b)	6.089		16,190,000	-		-	16,190,000	2
60416T6J2	7/1/2041	Term (c)	6.139		7,645,000	-		-	7,645,000	2
60416T6M5	1/1/2044	Term (d)	6.185		11,250,000	-		-	11,250,000	2
60416T6N3	7/1/2049	Term (e)	6.328		30,620,000	-		-	30,620,000	_ 2
				\$	82,500,000 \$	-	\$	- \$	82,500,000	_

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series R. 2023 Series S and 2023 Series T.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series R PAC Term bonds maturing July 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2025.
- (b): Sinking fund redemptions begin July 1, 2034.
- (c): Sinking fund redemptions begin January 1, 2040.
- (d): Sinking fund redemptions begin January 1, 2042.
- (e): Sinking fund redemptions begin July 1, 2044.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2023 Series T

Taxable

					P	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal	I Redemptions	Principal Outstanding	A and B)
60416T5Q7	7/1/2054	Term(a)	Variable*	\$	43,750,000 \$	-	· \$	- \$	43,750,000	2	
				\$	43,750,000 \$	-	· \$	- \$	43,750,000	_	

of 2023 Series R, 2023 Series S and 2023 Series T.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series R PAC Term bonds maturing July 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: November 30, 2023 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2049.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2023 Series U

Taxable

					Pri	ncipal Matured/				Call Priority (N	Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	iginal Amounts	Sinking Fund	Principa	al Redemptions	Principal Outstanding	A and B)	
60416T6R4	1/1/2034	Term (a)	5.742	\$	10,035,000 \$		- \$	165,000 \$	9,870,000	2	
60416T6S2	1/1/2039	Term (b)	6.121		8,620,000		-	140,000	8,480,000	2	
60416T6T0	7/1/2043	Term (c)	6.321		10,430,000		-	170,000	10,260,000	2	
60416T6U7	7/1/2054	Term (d)	6.500		19,665,000		-	-	19,665,000	_ 1	
				\$	48,750,000 \$		- \$	475,000 \$	48,275,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series U and 2023 Series V.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series U PAC Term bonds maturing July 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2025.
- (b): Sinking fund redemptions begin July 1, 2034.
- (c): Sinking fund redemptions begin July 1, 2039.
- (d): Sinking fund redemptions begin July 1, 2050.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2023 Series V

Taxable

					F	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	iginal Amounts	Sinking Fund	Principa	I Redemptions	Principal Outstanding	A and B)
60416T6Q6	7/1/2050	Term(a)	Variable*	\$	26,250,000 \$		- \$	- \$	26,250,000	_ 2	
				\$	26,250,000 \$		- \$	- \$	26,250,000		

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2023 Series U and 2023 Series V.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2023 Series U PAC Term bonds maturing July 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: December 13, 2023 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2043.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2024 Series A

Non-AMT

					Р	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	iginal Amounts	Sinking Fund	Principal	Redemptions	Principal Outstanding	A and B	3)
60416T6X1	1/1/2054	Term (a)	6.250	\$	31,395,000 \$		- \$	- \$	31,395,000	_ 1	
				\$	31,395,000 \$		- \$	- \$	31,395,000		

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2024 Series A, 2024 Series B and 2024 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2024 Series A PAC Term bonds maturing January 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2033 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2025.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2024 Series B

Taxable

						Principal Matured/				Call Priority (N	Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principa	al Redemptions	Principal Outstanding	A and B)	
60416T6Y9	1/1/2025	Serial	4.853	\$	500,000 \$	-	\$	- \$	500,000	2	
60416T6Z6	7/1/2025	Serial	4.883		635,000	-		-	635,000	2	
60416T7A0	1/1/2026	Serial	4.733		650,000	-		-	650,000	2	
60416T7B8	7/1/2026	Serial	4.783		665,000	-		-	665,000	2	
60416T7C6	1/1/2027	Serial	4.718		685,000	-		-	685,000	2	
60416T7D4	7/1/2027	Serial	4.748		700,000	-		5,000	695,000	2	
60416T7E2	1/1/2028	Serial	4.719		720,000	-		5,000	715,000	2	
60416T7F9	7/1/2028	Serial	4.769		740,000	-		5,000	735,000	2	
60416T7S1	1/1/2034	Term (a)	5.205		9,560,000	-		25,000	9,535,000	2	
60416T7T9	1/1/2039	Term (b)	5.520		11,675,000	-		30,000	11,645,000	2	
60416T7U6	1/1/2044	Term (c)	5.780		15,820,000	-		40,000	15,780,000	2	
60416T7V4	1/1/2049	Term (d)	5.900		21,570,000	-		60,000	21,510,000	2	
60416T7W2	1/1/2051	Term (e)	5.960		9,685,000	-		25,000	9,660,000	2	
				\$	73,605,000 \$	-	\$	195,000 \$	73,410,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2024 Series A, 2024 Series B and 2024 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2024 Series A PAC Term bonds maturing January 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2029.
- (b): Sinking fund redemptions begin July 1, 2034.
- (c): Sinking fund redemptions begin July 1, 2039.
- (d): Sinking fund redemptions begin July 1, 2044.
- (e): Sinking fund redemptions begin July 1, 2049.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2024 Series C

Taxable

					P	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	iginal Amounts	Sinking Fund	Principa	Redemptions	Principal Outstanding	A and B)
60416T6V5	1/1/2054	Term(a)	Variable*	\$	20,000,000 \$		- \$	- \$	20,000,000	2	
				\$	20,000,000 \$		- \$	- \$	20,000,000		

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2024 Series A, 2024 Series B and 2024 Series C.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2024 Series A PAC Term bonds maturing January 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: February 8, 2024 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2051.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2024 Series D

Taxable

					F	Principal Matured/				Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principal	Redemptions	Principal Outstanding	A and B)
60416T7Z5	7/1/2034	Term (a)	4.938	\$	15,735,000 \$		- \$	- \$	15,735,000	2
60416T8A9	7/1/2039	Term (b)	5.350		9,250,000		-	-	9,250,000	2
60416T8B7	7/1/2045	Term (c)	5.536		14,885,000		-	-	14,885,000	2
60416T8C5	7/1/2054	Term (d)	6.250		20,130,000		-	-	20,130,000	_ 1
				\$	60,000,000 \$		- \$	- \$	60,000,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2024 Series D and 2024 Series E.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2024 Series D PAC Term bonds maturing July 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2025.
- (b): Sinking fund redemptions begin January 1, 2035.
- (c): Sinking fund redemptions begin January 1, 2040.
- (d): Sinking fund redemptions begin July 1, 2050.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2024 Series E

Taxable

					P	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	iginal Amounts	Sinking Fund	Principal	Redemptions	Principal Outstanding	A and B)
60416T7X0	7/1/2050	Term(a)	Variable*	\$	20,000,000 \$		· \$	- \$	20,000,000	2	
				\$	20,000,000 \$	-	· \$	- \$	20,000,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2024 Series D and 2024 Series E.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2024 Series D PAC Term bonds maturing July 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: March 28, 2024 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2045.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2024 Series F

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416UAC9	1/1/2025	Serial	3.800	\$ 175,000		\$ - \$	175,000	2
60416UAD7	7/1/2025	Serial	3.800	270,000	-	-	270,000	2
60416UAE5	1/1/2026	Serial	3.850	280,000	-	-	280,000	2
60416UAF2	7/1/2026	Serial	3.850	285,000	-	-	285,000	2
60416UAG0	1/1/2027	Serial	3.850	295,000	-	-	295,000	2
60416UAH8	7/1/2027	Serial	3.850	300,000	-	-	300,000	2
60416UAJ4	1/1/2028	Serial	3.900	305,000	-	-	305,000	2
60416UAK1	7/1/2028	Serial	3.950	310,000	-	-	310,000	2
60416UAL9	1/1/2029	Serial	4.000	320,000	-	-	320,000	2
60416UAM7	7/1/2029	Serial	4.000	325,000	-	-	325,000	2
60416UAN5	1/1/2030	Serial	4.100	335,000	-	-	335,000	2
60416UAP0	7/1/2030	Serial	4.100	345,000	-	-	345,000	2
60416UAQ8	1/1/2031	Serial	4.150	350,000	-	-	350,000	2
60416UAR6	7/1/2031	Serial	4.150	360,000	-	-	360,000	2
60416UAS4	1/1/2032	Serial	4.250	370,000	-	-	370,000	2
60416UAT2	7/1/2032	Serial	4.250	380,000	-	-	380,000	2
60416UAU9	1/1/2033	Serial	4.250	385,000	-	-	385,000	2
60416UAV7	7/1/2033	Serial	4.250	395,000	-	-	395,000	2
60416UAW5	1/1/2034	Serial	4.350	405,000	-	-	405,000	2
60416UAX3	7/1/2034	Serial	4.350	415,000	-	-	415,000	2
60416UAY1	1/1/2035	Serial	4.400	430,000	-	-	430,000	2
60416UAZ8	7/1/2035	Serial	4.400	440,000	-	-	440,000	2
60416UBA2	1/1/2051	Term (a)	4.600	3,650,000	-	-	3,650,000	2
				\$ 11,125,000	\$ -	\$ - \$	11,125,000	_

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2024 Series F, 2024 Series G, 2024 Series H and 2024 Series I.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2024 Series G PAC Term bonds maturing July 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2033 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2036.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2024 Series G

Non-AMT

					F	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	O	riginal Amounts	Sinking Fund	Principa	I Redemptions	Principal Outstanding	A and B)
60416UBB0	7/1/2054	Term (a)	6.500	\$	26,780,000 \$		- \$	- \$	26,780,000	1	
				\$	26,780,000 \$		- \$	- \$	26,780,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2024 Series F, 2024 Series G, 2024 Series H and 2024 Series I.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2024 Series G PAC Term bonds maturing July 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: July 1, 2033 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2039.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2024 Series H

Taxable

01101544						Principal Matured/		5. .	Call Priority (Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	O	riginal Amounts	Sinking Fund	Principal Redemptions	Principal Outstanding	A and B)
60416UBC8	1/1/2025	Serial	5.145	\$	425,000 \$	-	\$ - \$	425,000	2
60416UB D6	7/1/2025	Serial	5.145		640,000	-	-	640,000	2
60416UBE4	1/1/2026	Serial	5.025		650,000	-	-	650,000	2
60416UBF1	7/1/2026	Serial	5.045		660,000	-	-	660,000	2
60416UBF9	1/1/2027	Serial	4.857		670,000	-	-	670,000	2
60416UBH7	7/1/2027	Serial	4.907		690,000	-	-	690,000	2
60416UBJ3	1/1/2028	Serial	4.827		705,000	-	-	705,000	2
60416UBK0	7/1/2028	Serial	4.887		720,000	-	-	720,000	2
60416UBL8	1/1/2029	Serial	4.887		735,000	-	-	735,000	2
60416UBM6	7/1/2029	Serial	4.937		755,000	-	-	755,000	2
60416UBN4	1/1/2030	Serial	5.019		770,000	-	-	770,000	2
60416UBP9	7/1/2030	Serial	5.069		785,000	-	-	785,000	2
60416UBQ7	1/1/2031	Serial	5.139		805,000	-	-	805,000	2
60416UBR5	7/1/2031	Serial	5.179		825,000	-	-	825,000	2
60416UBS3	1/1/2032	Serial	5.238		845,000	-	-	845,000	2
60416UBT1	7/1/2032	Serial	5.268		865,000	-	-	865,000	2
60416UBU8	1/1/2033	Serial	5.348		890,000	-	-	890,000	2
60416UBV6	7/1/2033	Serial	5.388		915,000	-	-	915,000	2
60416UBW4	1/1/2034	Serial	5.428		935,000	-	-	935,000	2
60416UBX2	7/1/2034	Serial	5.428		960,000	-	-	960,000	2
60416UBY0	1/1/2035	Serial	5.488		980,000	-	-	980,000	2
60416UBZ7	7/1/2035	Serial	5.488		1,010,000	-	-	1,010,000	2
60416UAC1	7/1/2039	Term (a)	5.588		9,095,000	-	-	9,095,000	2
60416UCB9	7/1/2044	Term (b)	5.730		14,620,000	-	-	14,620,000	2
60416UCC7	1/1/2050	Term (c)	5.850		21,145,000	-	-	21,145,000	2
				\$	62,095,000 \$	-	\$ - \$	62,095,000	_

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2024 Series F, 2024 Series G, 2024 Series H and 2024 Series I.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2024 Series G PAC Term bonds maturing July 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin January 1, 2036.
- (b): Sinking fund redemptions begin January 1, 2040.
- (c): Sinking fund redemptions begin January 1, 2045.

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Residential Housing Finance Bonds, 2024 Series I

Taxable

					P	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Or	iginal Amounts	Sinking Fund	Principal	I Redemptions	Principal Outstanding	A and B	3)
60416UAA3	7/1/2054	Term(a)	Variable*	\$	25,000,000 \$		- \$	- \$	25,000,000	2	
				\$	25,000,000 \$		- \$	- \$	25,000,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2024 Series F, 2024 Series G, 2024 Series H and 2024 Series I.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2024 Series G PAC Term bonds maturing July 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: May 1, 2024 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2050.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2024 Series J

Taxable

					Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Sinking Fund	Principal Redempti	ions	Principal Outstanding	A and B))
60416UCT0	1/1/2029	Serial	4.741	\$ 750,000	\$ -	- \$	- \$	750,000	2	
60416UCU7	7/1/2029	Serial	4.791	770,000.00				770,000	2	
60416UCV5	1/1/2030	Serial	4.850	795,000.00				795,000	2	
60416UCW3	7/1/2030	Serial	4.875	815,000.00				815,000	2	
60416UCX1	1/1/2031	Serial	4.925	840,000.00				840,000	2	
60416UCY9	7/1/2031	Serial	4.975	865,000.00				865,000	2	
60416UCC6	7/1/2033	Serial	5.219	980,000.00				980,000	2	
60416UCD4	1/1/2034	Serial	5.319	1,010,000.00				1,010,000	2	
60416UCE2	7/1/2034	Serial	5.369	1,040,000.00				1,040,000	2	
60416UCF9	1/1/2035	Serial	5.419	950,000.00				950,000	2	
60416UCG7	7/1/2035	Serial	5.469	735,000.00				735,000	2	
60416UCN3	7/1/2026	Term (a)	6.000	1,895,000.00				1,895,000	2	
60416UCQ6	7/1/2027	Term (b)	6.000	1,360,000	-		-	1,360,000	2	
60416UCS2	7/1/2028	Term (c)	6.000	1,440,000	-	•	-	1,440,000	2	
60416UDB8	1/1/2033	Term (d)	6.000	2,760,000				2,760,000	2	
60416UDH5	7/1/2039	Term (e)	5.619	6,845,000				6,845,000	2	
60416UDJ1	7/1/2044	Term (f)	5.848	11,610,000				11,610,000	2	
60416UDK8	7/1/2047	Term (g)	5.908	7,500,000				7,500,000	2	
60416UDL6	7/1/2054	Term (h)	6.500	17,040,000	-	•	-	17,040,000	1	
				\$ 60,000,000	\$	- \$	- \$	60,000,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2024 Series J and 2024 Series K.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2024 Series J PAC Term bonds maturing July 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

- (a): Sinking fund redemptions begin July 1, 2025.
- (b): Sinking fund redemptions begin January 1, 2027.
- (c): Sinking fund redemptions begin January 1, 2028.
- (d): Sinking fund redemptions begin January 1, 2032.
- (e): Sinking fund redemptions begin January 1, 2036.
- (f): Sinking fund redemptions begin January 1, 2040.
- (g): Sinking fund redemptions begin January 1, 2045.
- (h): Sinking fund redemptions begin July 1, 2051.

^{**} CUSIP numbers have been assigned by an organization not affiliated with Minnesota Housing and are included for convenience. Minnesota Housing is not responsible for the selection or uses of these CUSIP numbers, nor is any representation made as to their correctness on the Bonds or as indicated above. A CUSIP number for a specific maturity may be changed after the issuance date. CUSIP ® is a registered trademark of the American Bankers Association.



Residential Housing Finance Bonds, 2024 Series K

Taxable

					F	Principal Matured/				Call Priority	(Note
CUSIP**	Maturity Date	Bond Type	Interest Rate	Ori	ginal Amounts	Sinking Fund	Principa	I Redemptions	Principal Outstanding	A and B)
60416UCJ2	1/1/2051	Term(a)	Variable*	\$	15,000,000 \$	-	\$	- \$	15,000,000	_ 2	
				\$	15,000,000 \$	-	\$	- \$	15,000,000	_	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2024 Series J and 2024 Series K.

The Agency has discretion to select the bonds to be redeemed if bonds of the same series but different maturities or bonds of different series have the same call priority, or may select other bonds of different series for redemption to the extent permitted by the series resolution. See "Section Q – Summary of Special Redemption Provisions".

Note B: Call priority #2 bonds called after satisfying the cumulative redemption schedule requirements for the 2024 Series J PAC Term bonds maturing July 1, 2054. See "Section Q – Summary of Special Redemption Provisions".

Optional Redemption: In whole or in part on any date during the following period at a redemption price equal to the following percentage of the principal amount plus accrued interest: May 30, 2024 and thereafter - 100%.

(a): Sinking fund redemptions begin July 1, 2047.

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Residential Housing Finance 2007 Series M	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes, from Repayments and Prepayments, not from Excess Revenue.
Call Date From Prepayments or Excess Revenue	Each January 1 and July 1, commencing January 1, 2008.
Call Priority From Prepayments or Excess Revenue	Mandatory redemption, pro rata, from mortgage prepayments and repayments allocable to the
Call Filolity From Frepayments of Excess Revenue	Series M Bonds. No redemption from Excess Revenue.

Residential Housing Finance 2013 Series C		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
	Prepayments:	
	To the extent required by applicable federal tax law table below to redeem outstanding Series Bonds, s	
	10-Year Rule Requirements	
	<u>Dates</u>	<u>Percentages</u>
	June 20, 2013 to December 31, 2022 January 1, 2023 and thereafter	49.30 100.00
Call Priority From Prepayments or Excess Revenue	All prepayments must be applied first to redeem the accordance with the cumulative redemption schedutax law, to redeem outstanding Series Bonds select July 2031 PAC Term Bonds unless no other Series be applied to redeem any outstanding Bonds at Age than the Series A July 2031 PAC Term Bonds)). Excess Revenues:	ule, and then, to the extent required by federal ted by Agency option (other than the Series A Bonds are outstanding), and otherwise may ency option (including the Series Bonds (other
	Any outstanding Bonds at Agency option including 2031 PAC Term Bonds beyond their cumulative recommendations.	



Residential Housing Finance 2014 Series A			
Call From Unexpended Proceeds	N/A		
Call Date From Unexpended Proceeds	N/A		
Call Priority From Unexpended Proceeds	N/A		
Call From Prepayments or Excess Revenue	Yes		
Call Date From Prepayments or Excess Revenue	Anytime		
	Prepayments:		
	To the extent required by applicable federa table below to redeem outstanding Series E	Il tax law under the 10-Year Rule Requirements in the Bonds, selected by the Agency.	
	10-Year Rule Requirements		
	<u>Dates</u>	<u>Percentages</u>	
	March 26, 2014 to March 25, 2024 March 26, 2024 and thereafter	0.00 100.00	
Call Priority From Prepayments or Excess Revenue	All prepayments must be applied first to redeem the Series A July 2038 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series A July 2038 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series A July 2038 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series A July 2038 PAC Term Bonds beyond their cumulative redemption schedule).		



Residential Housing Finance 2014 Series B				
Call From Unexpended Proceeds	N/A			
Call Date From Unexpended Proceeds	N/A			
Call Priority From Unexpended Proceeds	N/A			
Call From Prepayments or Excess Revenue	Yes			
Call Date From Prepayments or Excess Revenue	Anytime			
	Prepayments:			
	To the extent required by applicable fede	eral tax law under the 10-Year Rule Requirements in the		
	table below to redeem outstanding Series	s Bonds, selected by the Agency.		
	10-Year Rule Requirements			
	<u>Dates</u>	<u>Percentages</u>		
	April 30, 2014 to April 29, 2024	0.00		
	April 30, 2024 and thereafter	100.00		
Call Priority From Prepayments or Excess Revenue				
	All prepayments must be applied first to redeem the Series B January 2038 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series B January 2038 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B January 2038 PAC Term Bonds)).			
	(other than the Series B January 2038 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B January 2038 PAC Term Bonds beyond their cumulative redemption schedule).			



Residential Housing Finance 2014 Series C, D and E	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. 10-Year Rule Requirements
	10-Teal Rule Requirements
	<u>Dates</u> <u>Percentages</u>
	December 16, 2014 to December 15, 2024 65.94 December 16, 2024 and thereafter 100.00
Call Priority From Prepayments or Excess Revenue	All prepayments must be applied first to redeem the Series C January 2045 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series C January 2045 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series C January 2045 PAC Term Bonds)).
	Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series C January 2045 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2015 Series A and D			
Call From Unexpended Proceeds	N/A		
Call Date From Unexpended Proceeds	N/A		
Call Priority From Unexpended Proceeds	N/A		
Call From Prepayments or Excess Revenue	Yes		
Call Date From Prepayments or Excess Revenue	Anytime		
	Prepayments:		
	To the extent required by applicable federal tax law table below to redeem outstanding Series Bonds, so		
	10-Year Rule Requirements		
	<u>Dates</u>	<u>Percentages</u>	
	August 11, 2015 to August 10, 2025	47.52	
	August 11, 2025 and thereafter	100.00	
Call Priority From Prepayments or Excess Revenue			
	All prepayments must be applied first to redeem the Series A January 2041 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series A January 2041 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series A January 2041 PAC Term Bonds)).		
	Excess Revenues: Any outstanding Bonds at Agency option including to January 2041 PAC Term Bonds beyond their cumu		



Residential Housing Finance 2015 Series E and G	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.
	10-Year Rule Requirements
	<u>Dates</u> <u>Percentages</u>
	December 8, 2015 to December 7, 2025 56.73 December 8, 2025 and thereafter 100.00
Call Priority From Prepayments or Excess Revenue	
	All prepayments must be applied first to redeem the Series E January 2046 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series E January 2046 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series E January 2046 PAC Term Bonds)).
	Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series E January 2046 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2016 Series A, B and C		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
	table below, prepayments and scheduled a Transferred Tax-Exempt Participation Loa acquired with proceeds of 2016 Series B E outstanding 2016 Series A Bonds or 2016	al tax law under the 10-Year Rule Requirements in the repayments from Transferred Tax-Exempt Loans, ns and Program Loans backing Program Securities Bonds (the "Tax-Exempt Receipts") to redeem Series B Bonds, selected by the Agency.
	10-Year Rule Requirements	_
	<u>Dates</u>	<u>Percentages</u>
	June 22, 2016 to June 21, 2026 June 22, 2026 and thereafter	47.22 100.00
Call Priority From Prepayments or Excess Revenue	applied first to redeem the Series B July 20 cumulative redemption schedule, and then outstanding 2016 Series A Bonds or 2016 the Series B July 2046 PAC Term Bonds a Bonds are outstanding), and otherwise ma	led principal payments on Series Bonds must be 046 PAC Term Bonds in accordance with the n, to the extent required by federal tax law, to redeem Series B Bonds selected by Agency option (other than unless no other 2016 Series A Bonds or 2016 Series B by be applied to redeem any outstanding Bonds at s (other than the Series B July 2046 PAC Term
	scheduled principal payments on 2016 Se Series C Bonds and then to redeem any o	from the Transferred Taxable Loans in excess of ries C Bonds will be applied first to redeem 2016 utstanding Bonds at Agency option (including the 2016 (other than the Series B July 2046 PAC Term Bonds)).
	Excess Revenues: Any outstanding Bonds at Agency option in 2046 PAC Term Bonds beyond their cumulative services.	ncluding the Series Bonds (other than the Series B July lative redemption schedule).



Residential Housing Finance 2016 Series E and F	
Call From Unexpended Proceeds	
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.
	10-Year Rule Requirements
	<u>Dates</u> <u>Percentages</u>
Call Priority From Prepayments or Excess Revenue	December 22, 2016 to June 30, 2017 July 1, 2017 to June 30, 2018 July 1, 2018 to June 30, 2020 July 1, 2020 to June 30, 2021 July 1, 2021 to June 30, 2022 July 1, 2022 to June 30, 2022 July 1, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to December 21, 2026 December 22, 2026 and thereafter 39.79 40.21 43.95 46.82 48.51 52.74 July 1, 2025 to December 20, 2026 60.83 December 22, 2026 and thereafter
	All prepayments must be applied first to redeem the Series E January 2047 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series E January 2047 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series E January 2047 PAC Term Bonds)).
	Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series E January 2047 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2017 Series B and C		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency. 10-Year Rule Requirements	
	<u>Dates</u>	<u>Percentages</u>
Call Priority From Prepayments or Excess Revenue	July 19, 2017 to June 30, 2018 July 1, 2018 to June 30, 2020 July 1, 2020 to June 30, 2021 July 1, 2021 to June 30, 2022 July 1, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to July 18, 2027 July 19, 2027 and thereafter	66.67 67.07 68.53 69.87 72.18 76.38 80.07 85.40 85.82
	All prepayments must be applied first to redeem the Series B July 2047 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series B July 2047 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B July 2047 PAC Term Bonds)). Excess Revenues:	
	Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2047 PAC Term Bonds beyond their cumulative redemption schedule).	



Residential Housing Finance 2017 Series E and F		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
	Prepayments: To the extent required by applicable federal to table below to redeem outstanding Series Bo 10-Year Rule Requirements	ax law under the 10-Year Rule Requirements in the nds, selected by the Agency.
	<u>Dates</u>	<u>Percentages</u>
Call Priority From Prepayments or Excess Revenue	December 21, 2017 to June 30, 2018 July 1, 2018 to June 30, 2020 July 1, 2020 to June 30, 2021 July 1, 2021 to June 30, 2022 July 1, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to July 18, 2027 December 21, 2027 and thereafter	24.89 26.99 28.30 29.31 30.95 33.78 35.97 39.84 40.37 100.00
	accordance with the cumulative redemption s tax law, to redeem outstanding Series Bonds January 2048 PAC Term Bonds unless no otl	em the Series E January 2048 PAC Term Bonds in schedule, and then, to the extent required by federal selected by Agency option (other than the Series E her Series Bonds are outstanding), and otherwise onds at Agency option (including the Series Bonds Term Bonds)).
	Excess Revenues: Any outstanding Bonds at Agency option included and a part of the second sec	uding the Series Bonds (other than the Series E cumulative redemption schedule).



Residential Housing Finance 2018 Series B and D	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Series A, B and C: Anytime. Series D: on or after January 1, 2023
	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Transferred Program Loans and Program Loans backing Program Securities acquired with proceeds of 2018 Series A Bonds, 2018 Series B Bonds and 2018 Series D Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2018 Series A Bonds, 2018 Series B Bonds or 2018 Series D Bonds, selected by the Agency.
	10-Year Rule Requirements
	<u>Dates</u> <u>Percentages</u>
Call Priority From Prepayments or Excess Revenue	June 28, 2018 to June 30, 2020 July 1, 2020 to June 30, 2021 July 1, 2021 to June 30, 2022 July 1, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 27, 2028 July 1, 2028 and thereafter 24.91 27.79 33.12 33.12 July 1, 2023 to June 30, 2024 51.93 July 1, 2026 to June 27, 2028 June 28, 2028 and thereafter
	Tax-Exempt Receipts in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series B July 2048 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2018 Series A Bonds, 2018 Series B Bonds or 2018 Series D Bonds selected by Agency option (other than the Series B July 2048 PAC Term Bonds unless no other 2018 Series A Bonds, 2018 Series B Bonds or 2018 Series D Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B July 2048 PAC Term Bonds)).



Prepayments and scheduled repayments from the Program Loans backing Program Securities acquired with proceeds of the 2018 Series C Bonds in excess of scheduled principal payments on 2018 Series C Bonds will be applied first to redeem 2018 Series C Bonds and then to redeem any outstanding Bonds at Agency option (including the 2018 Series A Bonds, 2018 Series B Bonds and 2018 Series D Bonds (other than the Series B July 2048 PAC Term Bonds)).
Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2048 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance 2018 Series E, G and H	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Series E, F, G: Anytime. Series H: on or after July 1, 2023
	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities allocable to 2018 Series E Bonds, 2018 Series F Bonds and 2018 Series H Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2018 Series E Bonds, 2018 Series F Bonds or 2018 Series H Bonds, selected by the Agency. 10-Year Rule Requirements
Call Priority From Prepayments or Excess Revenue	Dates Percentages December 12, 2018 to June 30, 2020 11.30 July 1, 2020 to June 30, 2021 13.54 July 1, 2021 to June 30, 2022 15.69 July 1, 2022 to June 30, 2023 17.40 July 1, 2023 to June 30, 2024 23.60 July 1, 2024 to June 30, 2025 27.15 July 1, 2025 to June 30, 2026 34.92 July 1, 2026 to June 30, 2027 36.13 July 1, 2027 to December 11, 2028 37.74 December 12, 2028 and thereafter 100.00



All prepayments must be applied first to redeem the Series E January 2049 PAC Term Bonds in accordance with the cumulative redemption schedule. Tax-Exempt Receipts, to the extent required by federal tax law, must then be applied to redeem outstanding 2018 Series E Bonds, 2018 Series F Bonds or 2018 Series H Bonds selected by Agency option (other than the Series E January 2049 PAC Term Bonds unless no other 2018 Series E Bonds, 2018 Series F Bonds or 2018 Series H Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series E January 2049 PAC Term Bonds)).

Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2018 Series G Bonds in excess of scheduled principal payments on 2018 Series G Bonds will be applied first to redeem Series E January 2049 PAC Term Bonds, if Tax-Exempt Receipts are insufficient, then to redeem 2018 Series G Bonds and then to redeem any outstanding Bonds at Agency option (including the 2018 Series E Bonds, 2018 Series F Bonds and 2018 Series H Bonds (other than the Series E January 2049 PAC Term Bonds)).

Excess Revenues:

Any outstanding Bonds at Agency option including the Series Bonds (other than the Series E January 2049 PAC Term Bonds beyond their cumulative redemption schedule)



Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
	table below, prepayments and scheduled rebacking Program Securities, allocable to 20 Series D Bonds (the "Tax-Exempt Receipts Series B Bonds or 2019 Series D Bonds, series B Bonds or 2019 Series D Bonds, se	I tax law under the 10-Year Rule Requirements in the epayments from Program Loans and Program Loans of 19 Series A Bonds, 2019 Series B Bonds and 2019 of to redeem outstanding 2019 Series A Bonds, 2019 elected by the Agency.
	10-Year Rule Requirements	
	<u>Dates</u>	<u>Percentages</u>
Call Priority From Prepayments or Excess Revenue	April 11, 2019 to June 30, 2020 July 1, 2020 to June 30, 2021 July 1, 2021 to June 30, 2022 July 1, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2027 to April 10, 2029 April 11, 2029 and thereafter	28.92 29.41 29.90 30.36 31.51 33.07 34.90 35.15 36.12 100.00
	accordance with the cumulative redemption required by federal tax law, must then be a 2019 Series B Bonds or 2019 Series D Bor July 2049 PAC Term Bonds unless no other Series D Bonds are outstanding), and other	deem the Series B July 2049 PAC Term Bonds in a schedule. Tax-Exempt Receipts, to the extent pplied to redeem outstanding 2019 Series A Bonds, ands selected by Agency option (other than the Series of 2019 Series A Bonds, 2019 Series B Bonds or 20 rwise may be applied to redeem any outstanding es Bonds (other than the Series B July 2049 PAC



Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2019 Series C Bonds in excess of scheduled principal payments on 2019 Series C Bonds will be applied first to redeem Series B July 2049 PAC Term Bonds, if Tax-Exempt Receipts are insufficient, then to redeem 2019 Series C Bonds and then to redeem any outstanding Bonds at Agency option (including the 2019 Series A Bonds, 2019 Series B Bonds and 2019 Series D Bonds (other than the Series B July 2049 PAC Term Bonds)).
Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2049 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance 2019 Series E, F and H		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
	table below, prepayments and scheduled repa Securities, allocable to 2019 Series E Bonds	ax law under the 10-Year Rule Requirements in the ayments from Program Loans backing Program and 2019 Series F Bonds (the "Tax-Exempt s E Bonds or 2019 Series F Bonds, selected by the
	10-Year Rule Requirements	
	<u>Dates</u>	<u>Percentages</u>
Call Priority From Prepayments or Excess Revenue	September 11, 2019 to June 30, 2020 July 1, 2020 to June 30, 2021 July 1, 2021 to June 30, 2022	11.24 14.03 16.76
	July 1, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024	23.25 30.03
	July 1, 2024 to June 30, 2025	39.72
	July 1, 2025 to June 30, 2026	53.52
	July 1, 2026 to June 30, 2027	56.29
	July 1, 2027 to June 30, 2028	62.27
	July 1, 2028 to September 10, 2029	64.44
	September 11, 2029 and thereafter	100.00



Tax-Exempt Receipts in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series F January 2050 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2019 Series E Bonds or 2019 Series F Bonds selected by Agency option (other than the Series F January 2050 PAC Term Bonds unless no other 2019 Series E Bonds or 2019 Series F Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series F January 2050 PAC Term Bonds)).

Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2019 Series G Bonds and 2019 Series H Bonds in excess of scheduled principal payments on 2019 Series G Bonds or 2019 Series H Bonds will be applied first to redeem 2019 Series G or 2019 Series H Bonds and then to redeem any outstanding Bonds at Agency option (including the 2019 Series E Bonds or 2019 Series F Bonds (other than the Series F January 2050 PAC Term Bonds)).

Excess Revenues:

Any outstanding Bonds at Agency option including the Series Bonds (other than the Series F January 2050 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2020 Series A, B and C		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
	Prepayments: To the extent required by applicable federa table below, prepayments and scheduled is Securities, allocable to 2020 Series A Bon	al tax law under the 10-Year Rule Requirements in the repayments from Program Loans backing Program ds and 2020 Series B Bonds (the "Tax-Exempt eries A Bonds or 2020 Series B Bonds, selected by the
	10-Year Rule Requirements	
	<u>Dates</u>	<u>Percentages</u>
	February 18, 2020 to June 30, 2020 July 1, 2020 to June 30, 2021 July 1, 2021 to June 30, 2022 July 1, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to February 17, 2030 February 18, 2030 and thereafter	12.21 15.04 18.44 24.26 31.77 41.78 53.79 57.27 63.60 68.01 100.00
Call Priority From Prepayments or Excess Revenue	Tax-Exempt Receipts in excess of schedu applied first to redeem the Series B July 20 cumulative redemption schedule, and then outstanding 2020 Series A Bonds or 2020 the Series B July 2050 PAC Term Bonds a Bonds are outstanding), and otherwise ma Agency option (including the Series Bonds and the Series C July 2050 PAC Term Bonds and the Series C July 2050 PAC Term Bonds and the Series C July 2050 PAC Term Bonds and Series C July 2050 PAC Term Bonds and Series C Bonds in experiments and Scheduled Repayments allocable to the 2020 Series C Bonds in experiments.	led principal payments on Series Bonds must be 050 PAC Term Bonds in accordance with the 1, to the extent required by federal tax law, to redeem Series B Bonds selected by Agency option (other than unless no other 2020 Series A Bonds or 2020 Series B by be applied to redeem any outstanding Bonds at 16 (other than the Series B July 2050 PAC Term Bonds ands)). From the Program Loans backing Program Securities access of scheduled principal payments on 2020 Series applied first to redeem the Series C July 2050 PAC



Term Bonds in accordance with the cumulative redemption schedule, and then to redeem 2020 Series C Bonds, and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the 2020 Series A Bonds or 2020 Series B Bonds (other than the Series B July 2050 PAC Term Bonds)).
Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2050 PAC Term Bonds and Series C July 2050 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2020 Series D and E	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.
	<u>Dates</u> <u>Percentages</u>
Call Priority From Prepayments or Excess Revenue	June 24, 2020 to June 30, 2021 15.86 July 1, 2021 to June 30, 2022 18.36 July 1, 2022 to June 30, 2023 23.67 July 1, 2023 to June 30, 2024 28.84 July 1, 2024 to June 30, 2025 37.54 July 1, 2025 to June 30, 2026 49.80 July 1, 2026 to June 30, 2027 52.39 July 1, 2027 to June 30, 2028 59.24 July 1, 2028 to June 23, 2030 66.86 June 24, 2030 and thereafter 100.00
	All prepayments must be applied first to redeem the Series E July 2050 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series E July 2050 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series E July 2050 PAC Term Bonds)).
	Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series E July 2050 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2020 Series F and G	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.
	<u>Dates</u> <u>Percentages</u>
Call Priority From Prepayments or Excess Revenue	September 29, 2020 to June 30, 2021 July 1, 2021 to June 30, 2022 July 1, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2023 to June 30, 2024 38.67 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 98.68 July 1, 2029 to May 31, 2030 June 1, 2030 and thereafter 100.00
	All prepayments must be applied first to redeem the Series G January 2051 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series G January 2051 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series G January 2051 PAC Term Bonds)).
	Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series G January 2051 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2020 Series H and I	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.
	<u>Dates</u> <u>Percentages</u>
Call Priority From Prepayments or Excess Revenue	December 23, 2020 to June 30, 2021 July 1, 2021 to June 30, 2022 July 1, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 July 1, 2029 to November 30, 2030 December 1, 2030 and thereafter 18.82 18.82 18.82 18.82 19.50 19.60 10.80 1
	All prepayments must be applied first to redeem the Series I January 2051 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federa tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series I January 2051 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series I January 2051 PAC Term Bonds)).
	Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series I January 2051 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2021 Series A and B		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.	
	<u>Dates</u> <u>Percentages</u>	
Call Priority From Prepayments or Excess Revenue	March 25, 2021 to June 30, 2021 July 1, 2021 to June 30, 2022 July 1, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2025 to June 30, 2027 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 July 1, 2029 to February 28, 2031 March 1, 2031 and thereafter 20.47 20.47 20.47 24.39 37.35 50.03 48.10 72.69 34.97 72.69 94.97 July 1, 2028 to June 30, 2029 94.97 July 1, 2029 to February 28, 2031 March 1, 2031 and thereafter	
	All prepayments must be applied first to redeem the Series B July 2051 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series B July 2051 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series B July 2051 PAC Term Bonds)).	
	Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2051 PAC Term Bonds beyond their cumulative redemption schedule).	



Residential Housing Finance 2021 Series C and D	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below to redeem outstanding Series Bonds, selected by the Agency.
	<u>Dates</u> <u>Percentages</u>
Call Priority From Prepayments or Excess Revenue	June 17, 2021 to June 30, 2022 July 1, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 July 1, 2028 to June 30, 2029 July 1, 2029 to May 31, 2031 June 1, 2031 and thereafter 28.96 32.78 32.78 35.88 41.88 50.85 60.85 60.56 July 1, 2029 to May 31, 2031 June 1, 2031 and thereafter
	All prepayments must be applied first to redeem the Series D January 2052 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series D January 2052 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series D January 2052 PAC Term Bonds)).
	Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series D January 2052 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2021 Series E and F			
Call From Unexpended Proceeds	N/A		
Call Date From Unexpended Proceeds	N/A		
Call Priority From Unexpended Proceeds	N/A		
Call From Prepayments or Excess Revenue	Yes		
Call Date From Prepayments or Excess Revenue	Anytime Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirementable below to redeem outstanding Series Bonds, selected by the Agency.		
	<u>Dates</u>	Percentages	
	September 28, 2021 to June 30, 2022	15.16	
	July 1, 2022 to June 30, 2023	22.07	
	July 1, 2023 to June 30, 2024	27.15	
	July 1, 2024 to June 30, 2025	37.32	
	July 1, 2025 to June 30, 2026	51.20	
	July 1, 2026 to June 30, 2027	53.67	
	July 1, 2027 to June 30, 2028	61.41	
	July 1, 2028 to June 30, 2029	68.52	
Call Priority From Prepayments or Excess Revenue	July 1, 2029 to August 31, 2031	71.13	
	September 1, 2031 and thereafter	100.00	
	All prepayments must be applied first to redeem the Series F July 2052 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federa tax law, to redeem outstanding Series Bonds selected by Agency option (other than the Series F July 2052 PAC Term Bonds unless no other Series Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series F July 2052 PAC Term Bonds)).		
	Excess Revenues: Any outstanding Bonds at Agency option inclued 2052 PAC Term Bonds beyond their cumulation	uding the Series Bonds (other than the Series F Juve redemption schedule).	



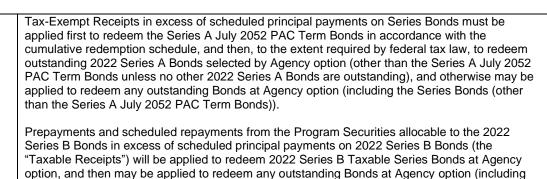
Residential Housing Finance 2021 Series G, H and I		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2021 Series G Bonds and 2021 Series H Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2021 Series G Bonds or 2021 Series H Bonds, selected by the Agency. 10-Year Rule Requirements	
	10-Year Rule Requirements	
	<u>Dates</u> <u>Percentages</u>	
Call Priority From Prepayments or Excess Revenue	December 23, 2021 to June 30, 2022 July 1, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 July 1, 2029 to June 30, 2030 July 1, 2030 to November 30, 2031 December 1, 2031 and thereafter 15.36 15.36 15.36 16.89 16.99 16.90 17.90 18.89 16.90 16.90 16.90 17.90 18.89 16.90	
	Tax-Exempt Receipts in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series H July 2052 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2021 Series G Bonds or 2021 Series H Bonds selected by Agency option (other than the Series H July 2052 PAC Term Bonds unless no other 2021 Series G Bonds or 2021 Series H Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series H July 2052 PAC Term Bonds)).	
	Prepayments and scheduled repayments from the Program Securities allocable to the 2021 Series I Bonds in excess of scheduled principal payments on 2021 Series I Bonds (the "Taxable Receipts") will be applied to redeem 2021 Series I Taxable Series Bonds at Agency option, and	



then may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series H July 2052 PAC Term Bonds)).
Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series H July 2052 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance 2022 Series A and B		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2022 Series A Bonds (the "Tax-Exempt Receipts") to redeem outstan 2022 Series A Bonds, selected by the Agency. 10-Year Rule Requirements	
	<u>Dates</u>	<u>Percentages</u>
Call Priority From Prepayments or Excess Revenue	February 17, 2022 to June 30, 2022 July 1, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 July 1, 2029 to June 30, 2030 July 1, 2030 to November 30, 2031 February 1, 2032 and thereafter	2.91 7.41 10.44 16.05 21.68 22.95 27.79 31.40 32.09 32.41 100.00





the Series Bonds (other than the Series A July 2052 PAC Term Bonds)).

Excess Revenues:

Any outstanding Bonds at Agency option including the Series Bonds (other than the Series A July 2052 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2022 Series C and D		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2022 Series C Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2022 Series C Bonds, selected by the Agency.	
	10-Year Rule Requirements	
	<u>Dates</u> <u>Percentages</u>	
Call Priority From Prepayments or Excess Revenue	March 16, 2022 to June 30, 2022 July 1, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2026 to June 30, 2028 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 July 1, 2028 to June 30, 2029 July 1, 2029 to June 30, 2030 July 1, 2030 to February 29, 2032 March 1, 2032 and thereafter Prepayments and scheduled repayments from the Program Securities allocable to the Series Bonds in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series C July 2052 PAC Term bonds in accordance with the cumulative redemption schedule, and then, with respect to the Tax-Exempt Receipts, to the extent required by federal tax law, to redeem outstanding 2022 Series C Bonds selected by Agency option (other than the Series C July 2052 PAC Term Bonds unless no other 2022 Series C Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series C July 2052 PAC Term Bonds)). Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series C July 2052 PAC Term Bonds beyond their cumulative redemption schedule).	



Residential Housing Finance 2022 Series E and F	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Any outstanding Bonds at Agency option including the Series Bonds.

Residential Housing Finance 2022 Series G and H	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments Prepayments and scheduled repayments from the Program Loans backing Program Securities in excess of scheduled principal payments on the Series Bonds must be applied first to redeem the Series G January 2047 PAC Term Bonds in accordance with the cumulative redemption schedule, then to redeem 2022 Series G Bonds (other than the Series G January 2047 PAC Term Bonds) selected by Agency option, then to redeem 2022 Series H Bonds selected by Agency option, and then, if no Series Bonds are outstanding other than Series G January 2047 PAC Term Bonds, may be applied to redeem any outstanding Bonds, including the Series G January 2047 PAC Term Bonds. Excess Revenues
	Any outstanding Bonds at Agency option including the Series Bonds (other than the Series G January 2047 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2022 Series I, J and K		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2022 Series I Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2022 Series I Bonds, selected by the Agency. 10-Year Rule Requirements	
	<u>Dates</u>	<u>Percentages</u>
Call Priority From Prepayments or Excess Revenue	September 29, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 July 1, 2029 to June 30, 2030 July 1, 2030 to June 30, 2031 July 1, 2031 to February 29, 2032 March 1, 2032 and thereafter	22.05 28.74 36.46 47.28 49.77 55.53 79.81 92.54 95.97 99.02 100.00
	must be applied first to redeem the Series I cumulative redemption schedule, and then, toutstanding 2022 Series I Bonds selected by PAC Term Bonds unless no other 2022 Series	d principal payments on the 2022 Series I Bonds July 2053 PAC Term Bonds in accordance with the othe extent required by federal tax law, to redeem Agency option (other than the Series I July 2053 les I Bonds are outstanding), and otherwise may be Agency option (including the Series Bonds (other s)).



Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2022 Series J Bonds and the 2022 Series K Bonds (the "Taxable Receipts") in excess of scheduled principal payments on the 2022 Series J Bonds and the 2022 Series K Bonds (the "Taxable Series Bonds") must be applied first, if needed after applying the Tax-Exempt Receipts, to redeem the Series I July 2053 PAC Term Bonds in accordance with the cumulative redemption schedule, then to redeem Taxable Series Bonds selected by Agency option, and then, if no Taxable Series Bonds are outstanding, may be applied to redeem any outstanding Bonds at Agency option (including the 2022 Series I Bonds (other than the Series I July 2053 PAC Term Bonds)).

Excess Revenues:

Any outstanding Bonds at Agency option including the Series Bonds (other than the Series I July 2053 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2022 Series L, M and N		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2022 Series L Bonds and 2022 Series M Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2022 Series L Bonds or 2022 Series M Bonds, selected by the Agency.	
	10-Year Rule Requirements	
	<u>Dates</u> <u>Percentages</u>	
	December 8, 2022 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 July 1, 2028 to June 30, 2029 July 1, 2029 to June 30, 2030 July 1, 2030 to June 30, 2031 B8.60 July 1, 2031 to November 30, 2032 B9.15 December 1, 2032 and thereafter	
	Tax-Exempt Receipts in excess of scheduled principal payments on the Series Bonds must be applied first to redeem the Series M January 2053 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2022 Series L Bonds or 2022 Series M Bonds selected by Agency option (other than the Series M January 2053 PAC Term Bonds unless no other 2022 Series L or 2022 Series M Bonds are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series M January 2053 PAC Term Bonds)).	



Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2022 Series N Bonds (the "Taxable Receipts") in excess of scheduled principal payments on the 2022 Series N Bonds (the "Taxable Series Bonds") must be applied first, if needed after applying the Tax-Exempt Receipts, to redeem the Series M January 2053 PAC Term Bonds in accordance with the cumulative redemption schedule, then to redeem Taxable Series Bonds selected by Agency option, and then, if no Taxable Series Bonds are outstanding, may be applied to redeem any outstanding Bonds at Agency option (including the 2022 Series L Bonds or 2022 Series M Bonds (other than the Series M January 2053 PAC Term Bonds)).

Excess Revenues:

Any outstanding Bonds at Agency option including the Series Bonds (other than the Series M January 2053 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2023 Series A, B and C		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2023 Series A Bonds and 2023 Series B Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2023 Series A Bonds or 2023 Series B Bonds, selected by the Agency.	
	10-Year Rule Requirements	
	<u>Dates</u>	<u>Percentages</u>
	March 9, 2023 to June 30, 2023 July 1, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 July 1, 2029 to June 30, 2030 July 1, 2030 to June 30, 2031 July 1, 2031 to February 28, 2033 March 1, 2033 and thereafter	23.50 28.08 34.17 44.40 46.39 57.98 66.99 70.53 71.53 75.51
	applied first to redeem the Series B July 2 cumulative redemption schedule, and ther outstanding 2023 Series A Bonds or 2023 the Series B July 2053 PAC Term Bonds are outstanding), and otherwise may be a	alled principal payments on the Series Bonds must be 2053 PAC Term Bonds in accordance with the n, to the extent required by federal tax law, to redeem a Series B Bonds selected by Agency option (other than unless no other 2023 Series A or 2023 Series B Bonds pplied to redeem any outstanding Bonds at Agency than the Series B July 2053 PAC Term Bonds)).
	allocable to the 2023 Series C Bonds (the payments on the 2023 Series C Bonds (tl	from the Program Loans backing Program Securities "Taxable Receipts") in excess of scheduled principal he "Taxable Series Bonds") must be applied first, if eceipts, to redeem the Series B July 2053 PAC Term



Bonds in accordance with the cumulative redemption schedule, then to redeem Taxable Series Bonds selected by Agency option, and then, if no Taxable Series Bonds are outstanding, may be applied to redeem any outstanding Bonds at Agency option (including the 2023 Series A Bonds or 2023 Series B Bonds (other than the Series B July 2053 PAC Term Bonds)).
Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2053 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance 2023 Series D and E		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
Call Priority From Prepayments or Excess Revenue	table below, prepayments and scheduled	ral tax law under the 10-Year Rule Requirements in the repayments from Program Loans backing Program nds (the "Tax-Exempt Receipts") to redeem outstanding ency.
	10-Year Rule Requirements	
	<u>Dates</u>	<u>Percentages</u>
	May 25, 2023 to June 30, 2023	1.89
	July 1, 2023 to June 30, 2024	3.65
	July 1, 2024 to June 30, 2025	5.55
	July 1, 2025 to June 30, 2026	7.82
	July 1, 2026 to June 30, 2027	8.44
	July 1, 2027 to June 30, 2028	11.19
	July 1, 2028 to June 30, 2029	12.92
	July 1, 2029 to June 30, 2030	13.84
	July 1, 2030 to June 30, 2031	14.07
	July 1, 2031 to April 30, 2033	14.37
	May 1, 2033 and thereafter	100.00



Tax-Exempt Receipts in excess of scheduled principal payments on the Series Bonds must be applied first to redeem the Series D July 2053 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2023 Series D Bonds selected by Agency option (other than the Series D July 2053 PAC Term Bonds unless no other 2023 Series D are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series D July 2053 PAC Term Bonds)).

Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2023 Series E Bonds (the "Taxable Receipts") in excess of scheduled principal payments on the 2023 Series E Bonds (the "Taxable Series Bonds") must be applied first, if needed after applying the Tax-Exempt Receipts, to redeem the Series D July 2053 PAC Term Bonds in accordance with the cumulative redemption schedule, then to redeem Taxable Series Bonds selected by Agency option, and then, if no Taxable Series Bonds are outstanding, may be applied to redeem any outstanding Bonds at Agency option (including the 2023 Series D Bonds (other than the Series D July 2053 PAC Term Bonds)).

Excess Revenues:

Any outstanding Bonds at Agency option including the Series Bonds (other than the Series D July 2053 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance 2023 Series F and G	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2023 Series F Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2023 Series F Bonds, selected by the Agency.



10-Year Rule Requirements

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<u>Dates</u>	<u>Percentages</u>
July 20, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 July 1, 2029 to June 30, 2030 July 1, 2030 to June 30, 2031 July 1, 2031 to June 30, 2033 July 1, 2033 and thereafter	6.74 10.35 14.41 15.69 21.91 25.49 26.73 27.14 30.87

Tax-Exempt Receipts in excess of scheduled principal payments on the Series Bonds must be applied first to redeem the Series F July 2053 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2023 Series F Bonds selected by Agency option (other than the Series F July 2053 PAC Term Bonds unless no other 2023 Series F are outstanding), and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series F July 2053 PAC Term Bonds)).

Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2023 Series G Bonds (the "Taxable Receipts") in excess of scheduled principal payments on the 2023 Series G Bonds (the "Taxable Series Bonds") must be applied first, if needed after applying the Tax-Exempt Receipts, to redeem the Series F July 2053 PAC Term Bonds in accordance with the cumulative redemption schedule, then to redeem Taxable Series Bonds selected by Agency option, and then, if no Taxable Series Bonds are outstanding, may be applied to redeem any outstanding Bonds at Agency option (including the 2023 Series F Bonds (other than the Series F July 2053 PAC Term Bonds)).

Excess Revenues:

Any outstanding Bonds at Agency option including the Series Bonds (other than the Series F July 2053 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2023 Series H and I	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments Prepayments and scheduled repayments from the Program Loans backing Program Securities in excess of scheduled principal payments on the Series Bonds must be applied first to redeem the Series H July 2053 PAC Term Bonds in accordance with the cumulative redemption schedule, then to redeem 2023 Series H Bonds (other than the Series H July 2053 PAC Term Bonds) selected by Agency option, then to redeem 2023 Series I Bonds selected by Agency option, and then, if no Series Bonds are outstanding other than the Series H July 2053 PAC Term Bonds, may be applied to redeem any outstanding Bonds, including the Series H July 2053 PAC Term Bonds. Excess Revenues Any outstanding Bonds at Agency option including the Series Bonds (other than the Series H July 2053 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance 2023 Series J and K	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments Prepayments and scheduled repayments from the Program Loans backing Program Securities in excess of scheduled principal payments on the Series Bonds must be applied first to redeem the Series J January 2054 PAC Term Bonds in accordance with the cumulative redemption schedule, then to redeem 2023 Series J Bonds (other than the Series J January 2054 PAC Term Bonds) selected by Agency option, then to redeem 2023 Series K Bonds selected by Agency option, and then, if no Series Bonds are outstanding other than the Series J January 2054 PAC Term Bonds, may be applied to redeem any outstanding Bonds, including the Series J January 2054 PAC Term Bonds.



	Excess Revenues Any outstanding Bonds at Agency option including the Series Bonds (other than the Series J January 2054 PAC Term Bonds beyond their cumulative redemption schedule).
Residential Housing Finance 2023 Series L and M	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments Prepayments and scheduled repayments from the Program Loans backing Program Securities in excess of scheduled principal payments on the Series Bonds must be applied first to redeem the Series L July 2053 PAC Term Bonds in accordance with the cumulative redemption schedule, then to redeem any Series Bonds (other than the Series L July 2053 PAC Term Bonds) selected by Agency option, and then, if no Series Bonds are outstanding other than the Series L July 2053 PAC Term Bonds, may be applied to redeem any outstanding Bonds, including the Series L July 2053 PAC Term Bonds.
	Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series L July 2053 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2023 Series N, O, P and Q		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
Call Priority From Prepayments or Excess Revenue	table below, prepayments and scheduled re Securities, allocable to 2023 Series N Bonds Receipts") to redeem outstanding 2023 Serie Exempt Series Bonds") selected by the Age	tax law under the 10-Year Rule Requirements in the payments from Program Loans backing Program s and the 2023 Series O Bonds (the "Tax-Exempt es N Bonds and the 2023 Series O Bonds (the "Tax-ncy.
	10-Year Rule Requirements	
	<u>Dates</u>	<u>Percentages</u>
	October 12, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 July 1, 2029 to June 30, 2030 July 1, 2030 to June 30, 2031 July 1, 2031 to September 30, 2033 October 1, 2033 and thereafter	19.21 22.70 29.38 30.19 32.32 34.60 35.95 36.80 38.65 100.00
	applied first to redeem the Series O July 205 cumulative redemption schedule, and then, outstanding Tax-Exempt Series Bonds select 2053 PAC Term Bonds unless no other Tax-	to the extent required by federal tax law, to redeem cted by Agency option (other than the Series O July -Exempt Series Bonds are outstanding), and tstanding Bonds at Agency option (including the
	allocable to the 2023 Series P Bonds and the excess of scheduled principal payments on Bonds (the "Taxable Series Bonds") must be Exempt Receipts, to redeem the Series O Ju	om the Program Loans backing Program Securities to 2023 Series Q Bonds (the "Taxable Receipts") in the 2023 Series P Bonds and the 2023 Series Q e applied first, if needed after applying the Taxuly 2053 PAC Term Bonds in accordance with the deem Taxable Series Bonds selected by Agency



option, and then, if no Taxable Series Bonds are outstanding, may be applied to redeem any outstanding Bonds at Agency option (including the Tax-Exempt Series Bonds (other than the Series O July 2053 PAC Term Bonds)).
Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series O July 2053 PAC Term Bonds beyond their cumulative redemption schedule).

N/A	
-	
Yes	
Anytime	
table below, prepayments and scheduled repa	ax law under the 10-Year Rule Requirements in the ayments from Program Loans backing Program (the "Tax-Exempt Receipts") to redeem outstanding.
10-Year Rule Requirements	
<u>Dates</u>	<u>Percentages</u>
November 30, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 July 1, 2029 to June 30, 2030 July 1, 2030 to June 30, 2031 July 1, 2031 to December 31, 2031 January 1, 2032 to October 31, 2033 November 1, 2033 and thereafter	12.85 18.91 27.99 30.23 40.47 49.25 53.00 54.43 56.79 61.95 100.00
	N/A N/A Yes Anytime Prepayments: To the extent required by applicable federal ta table below, prepayments and scheduled repa Securities, allocable to 2023 Series R Bonds 2023 Series R Bonds selected by the Agency 10-Year Rule Requirements Dates November 30, 2023 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 July 1, 2029 to June 30, 2030 July 1, 2030 to June 30, 2031 July 1, 2031 to December 31, 2031 January 1, 2032 to October 31, 2033



Tax-Exempt Receipts in excess of scheduled principal payments on the Series Bonds must be applied first to redeem the Series R July 2054 PAC Term Bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding Series R July 2054 PAC Term Bonds, and otherwise may be applied to redeem any outstanding Bonds at Agency option (including the Series Bonds (other than the Series R July 2054 PAC Term Bonds)).
Prepayments and scheduled repayments from the Program Loans backing Program Securities allocable to the 2023 Series S Bonds and the 2023 Series T Bonds (the "Taxable Receipts") in excess of scheduled principal payments on the 2023 Series S Bonds and the 2023 Series T Bonds (the "Taxable Series Bonds") must be applied first, if needed after applying the Tax-Exempt Receipts, to redeem the Series R July 2054 PAC Term Bonds in accordance with the cumulative redemption schedule, then to redeem Taxable Series Bonds selected by Agency option, and then, if no Taxable Series Bonds are outstanding, may be applied to redeem any outstanding Bonds at Agency option (including the Tax-Exempt Series Bonds (other than the Series R July 2054 PAC Term Bonds)).

Excess Revenues:

Any outstanding Bonds at Agency option including the Series Bonds (other than the Series R July 2054 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance 2023 Series U and V	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: Prepayments and scheduled repayments from the Program Loans backing Program Securities and the Monthly Payment Loans in excess of scheduled principal payments on the Series Bonds must be applied first to redeem the Series U July 2054 PAC Term Bonds in accordance with the cumulative redemption schedule, then to redeem any Series Bonds (other than the Series U July 2054 PAC Term Bonds) selected by Agency option, and then, if no Series Bonds are outstanding other than the Series U July 2054 PAC Term Bonds, may be applied to redeem any outstanding Bonds, including the Series U July 2054 PAC Term Bonds. Excess Revenues:
	Any outstanding Bonds at Agency option including the Series Bonds (other than the Series U July 2054 PAC Term Bonds beyond their cumulative redemption schedule).



Residential Housing Finance 2024 Series A, B and C		
Call From Unexpended Proceeds	N/A	
Call Date From Unexpended Proceeds	N/A	
Call Priority From Unexpended Proceeds	N/A	
Call From Prepayments or Excess Revenue	Yes	
Call Date From Prepayments or Excess Revenue	Anytime	
Call Priority From Prepayments or Excess Revenue	Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2024 Series A Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2024 Series A Bonds selected by the Agency.	
	10-Year Rule Requirements	
	<u>Dates</u>	<u>Percentages</u>
	February 8, 2024 to June 30, 2024 July 1, 2024 to June 30, 2025 July 1, 2025 to June 30, 2026 July 1, 2026 to June 30, 2027 July 1, 2027 to June 30, 2028 July 1, 2028 to June 30, 2029 July 1, 2029 to June 30, 2030 July 1, 2030 to June 30, 2031 July 1, 2031 to December 31, 2031 January 1, 2032 to January 31, 2034 February 1, 2034 and thereafter	3.46 5.90 9.12 9.72 12.64 16.32 17.21 17.53 18.88 19.84 100.00
	applied first to redeem the Series A Jar cumulative redemption schedule, and the outstanding Series A January 2054 PA	eduled principal payments on the Series Bonds must be huary 2054 PAC Term Bonds in accordance with the hen, to the extent required by federal tax law, to redeem C Term Bonds, and otherwise may be applied to redeem n (including the Series Bonds (other than the Series A
	allocable to the 2024 Series B Bonds a excess of scheduled principal payments Bonds (the "Taxable Series Bonds") mu Exempt Receipts, to redeem the Series	ts from the Program Loans backing Program Securities and the 2024 Series C Bonds (the "Taxable Receipts") in son the 2024 Series B Bonds and the 2024 Series C list be applied first, if needed after applying the Taxable A January 2054 PAC Term Bonds in accordance with the poredeem Taxable Series Bonds selected by Agency



option, and then, if no Taxable Series Bonds are outstanding, may be applied to redeem any outstanding Bonds at Agency option (other than the Series A January 2054 PAC Term Bonds).
Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series A January 2054 PAC Term Bonds beyond their cumulative redemption schedule).

Residential Housing Finance 2024 Series D and E	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds	N/A
Call Priority From Unexpended Proceeds	N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: Prepayments and scheduled repayments from the Program Loans backing Program Securities and the Monthly Payment Loans in excess of scheduled principal payments on the Series Bonds must be applied first to redeem the Series D July 2054 PAC Term Bonds in accordance with the cumulative redemption schedule, then to redeem any Series Bonds (other than the Series D July 2054 PAC Term Bonds) selected by Agency option, and then, if no Series Bonds are outstanding other than the Series D July 2054 PAC Term Bonds, may be applied to redeem any outstanding Bonds, including the Series D July 2054 PAC Term Bonds. Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series D July 2054 PAC Term Bonds beyond their cumulative redemption schedule).



N/A
N/A
N/A
Yes
Anytime
Prepayments: To the extent required by applicable federal tax law under the 10-Year Rule Requirements in the table below, prepayments and scheduled repayments from Program Loans backing Program Securities, allocable to 2024 Series F Bonds and the 2024 Series G Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2024 Series F Bonds and the 2024 Series G Bonds (the "Tax-Exempt Series Bonds") selected by the Agency. 10-Year Rule Requirements Dates



Residential Housing Finance Bond Resolution Summary of Special Redemption Provisions Information as of June 30, 2024

	Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series G July 2054 PAC Term Bonds beyond their cumulative redemption schedule).
Residential Housing Finance 2024 Series J and K	
Call From Unexpended Proceeds	N/A
Call Date From Unexpended Proceeds Call Priority From Unexpended Proceeds	N/A N/A
Call From Prepayments or Excess Revenue	Yes
Call Date From Prepayments or Excess Revenue	Anytime
Call Priority From Prepayments or Excess Revenue	Prepayments: Prepayments and scheduled repayments from the Program Loans backing Program Securities and the Monthly Payment Loans in excess of scheduled principal payments on the Series Bonds must be applied first to redeem the Series J July 2054 PAC Term Bonds in accordance with the cumulative redemption schedule, then to redeem any Series Bonds (other than the Series J July 2054 PAC Term Bonds) selected by Agency option, and then, if no Series Bonds are outstanding other than the Series J July 2054 PAC Term Bonds, may be applied to redeem any outstanding Bonds, including the Series J July 2054 PAC Term Bonds.
	Excess Revenues: Any outstanding Bonds at Agency option including the Series Bonds (other than the Series J July 2054 PAC Term Bonds beyond their cumulative redemption schedule).



RHFB 2013	ABC
Date	Percent
06/30/2024	100.00%

RHFB 2014 A		
Date	Percent	
06/30/2024	100.00%	

RHFB 2	2014 B
Date	Percent
06/30/2024	100.00%

RHFB 20	14 CDE
Date	Percent
06/30/2024	65.94%
12/16/2024	100.00%

RHFB 20	15 ABCD
Date	Percent
06/30/2024	47.52%
08/11/2025	100.00%

RHFB 2015 EFG		
Date	Percent	
06/30/2024	56.73%	
12/08/2025	100.00%	

RHFB 20	046 AB ¹
Date	Percent
06/30/2024	47.22%
06/22/2026	100.00%

RHFB 20	16 DEE
Date	Percent
06/30/2024	52.74%
07/01/2024	56.34%
07/01/2025	60.83%
12/22/2026	100.00%

RHFB 20	17 ABC
Date	Percent
06/30/2024	76.38%
07/01/2024	80.07%
07/01/2025	85.40%
07/01/2026	85.82%
07/19/2027	100.00%

RHFB 2017 DEF		
Date	Percent	
06/30/2024	33.78%	
07/01/2024	35.97%	
07/01/2025	39.84%	
07/01/2026	40.37%	
12/21/2027	100.00%	

RHFB 2018	ABD ²
Date	Percent
06/30/2024	37.64%
07/01/2024	43.42%
07/01/2025	51.93%
07/01/2026	54.65%
07/28/2028	100.00%

RHFB 20	18 EFH ³
Date	Percent
06/30/2024	23.60%
07/01/2024	27.15%
07/01/2025	34.92%
07/01/2026	36.13%
07/01/2027	37.74%
12/12/2028	100.00%

RHFB 20°	19 ABD ⁴
Date	Percent
06/30/2024	31.51%
07/01/2024	33.07%
07/01/2025	34.90%
07/01/2026	35.15%
07/01/2027	36.12%
04/11/2029	100.00%

RHFB 20	019 EF ⁵
Date	Percent
06/30/2024	30.03%
07/01/2024	39.72%
07/01/2025	53.52%
07/01/2026	56.29%
07/01/2027	62.27%
07/01/2028	64.44%
09/11/2029	100.00%

- 1 Although the RHFB 2016 AB Bonds were issued with the RHFB 2016 Series C Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Transferred Tax-Exempt Loans, the Transferred Tax-Exempt Participation Loans and the Program Loans backing Program Securities acquired with proceeds of the 2016 Series B Bonds. The prepayments and repayments from the Transferred Taxable Loans are not tax-restricted, but are dedicated to payment of the 2016 Series C Bonds.
- 2 Although the RHFB 2018 ABD Bonds were issued with the RHFB 2018 Series C Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Transferred Program Loans and the Program Loans backing Program Securities acquired with proceeds of the 2018 Series ABD Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2018 Series C Bonds are not tax-restricted, but are dedicated to payment of the 2018 Series C Bonds.
- 3 Although the RHFB 2018 EFH Bonds were issued with the RHFB 2018 Series G Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2018 Series EFH Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2018 Series G Bonds are not tax-restricted, but are dedicated to payment of the 2018 Series G Bonds.
- 4 Although the RHFB 2019 ABD Bonds were issued with the RHFB 2019 Series C Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Transferred Program Loans and the Program Loans backing Program Securities acquired with proceeds of the 2019 Series ABD Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2019 Series C Bonds are not tax-restricted, but are dedicated to payment of the 2019 Series C Bonds.
- 5 Although the RHFB 2019 EF Bonds were issued with the RHFB 2019 Series G (Taxable) and 2019 H Bonds (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2019 Series EF Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2019 Series GH Bonds are not tax-restricted, but are dedicated to payment of the 2019 Series GH Bonds.



RHFB 2020 AB ⁶		
Date	Percent	
06/30/2024	31.77%	
07/01/2024	41.78%	
07/01/2025	53.79%	
07/01/2026	57.27%	
07/01/2027	63.60%	
07/01/2028	68.01%	
02/18/2030	100.00%	

RHFB 2020 DE		
Date	Percent	
06/30/2024	28.84%	
07/01/2024	37.54%	
07/01/2025	49.80%	
07/01/2026	52.39%	
07/01/2027	59.24%	
07/01/2028	66.86%	
06/24/2030	100.00%	

RHFB 2020 FG		
Date	Percent	
06/30/2024	38.67%	
07/01/2024	51.26%	
07/01/2025	70.91%	
07/01/2026	75.46%	
07/01/2027	87.06%	
07/01/2028	98.68%	
07/01/2029	99.78%	
06/01/2030	100.00%	

RHFB 2020 HI		
Date	Percent	
06/30/2024	37.42%	
07/01/2024	50.01%	
07/01/2025	68.73%	
07/01/2026	73.59%	
07/01/2027	84.93%	
07/01/2028	97.72%	
07/01/2029	99.33%	
12/01/2030	100.00%	

RHFB 2021 AB		
Date	Percent	
06/30/2024	37.35%	
07/01/2024	50.03%	
07/01/2025	68.10%	
07/01/2026	72.69%	
07/01/2027	83.39%	
07/01/2028	94.97%	
07/01/2029	97.01%	
03/01/2031	100.00%	

RHFB 2021CD		
Date	Percent	
06/30/2024	35.88%	
07/01/2024	41.88%	
07/01/2025	51.85%	
07/01/2026	54.27%	
07/01/2027	60.56%	
07/01/2028	66.53%	
07/01/2029	69.61%	
06/01/2031	100.00%	

RHFB 2021EF		
Date	Percent	
06/30/2024	27.15%	
07/01/2024	37.32%	
07/01/2025	51.20%	
07/01/2026	53.67%	
07/01/2027	61.41%	
07/01/2028	68.52%	
07/01/2029	71.13%	
09/01/2031	100.00%	

RHFB 20	RHFB 2021 GH ⁷		
Date	Percent		
06/30/2024	21.03%		
07/01/2024	25.86%		
07/01/2025	33.54%		
07/01/2026	34.78%		
07/01/2027	38.64%		
07/01/2028	40.89%		
07/01/2029	42.48%		
07/01/2030	43.12%		
12/01/2031	100.00%		

RHFB 2022 A ⁸		
Date	Percent	
06/30/2024	10.44%	
07/01/2024	16.05%	
07/01/2025	21.68%	
07/01/2026	22.95%	
07/01/2027	27.79%	
07/01/2028	31.40%	
07/01/2029	32.09%	
07/01/2030	32.41%	
02/01/2032	100.00%	

RHFB 2022 C ⁹			
Date Percent			
06/30/2024	6.96%		
07/01/2024	10.23%		
07/01/2025	14.53%		
07/01/2026	15.71%		
07/01/2027	19.29%		
07/01/2028	22.45%		
07/01/2029	25.61%		
07/01/2030	26.81%		
03/01/2032	100.00%		

- 6 Although the RHFB 2020 AB Bonds were issued with the RHFB 2020 Series C (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2020 Series AB Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2020 Series C Bonds are not tax-restricted, but are dedicated to payment of the 2020 Series C Bonds.
- 7 Although the RHFB 2021 GH Bonds were issued with the RHFB 2021 Series I (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2021 Series GH Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2021 Series I Bonds are not tax-restricted, but are dedicated to payment of the 2021 Series I Bonds.
- 8 Although the RHFB 2022 A Bonds were issued with the RHFB 2022 Series B (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2022 Series A Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2022 Series B Bonds are not tax-restricted, but are dedicated to payment of the 2022 Series B Bonds.
- 9 Although the RHFB 2022 C Bonds were issued with the RHFB 2022 Series D (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2022 Series C Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2022 Series D Bonds are not tax-restricted.



RHFB 2022	RHFB 2022 I ¹⁰				
Date	Percent				
06/30/2024	28.74%				
07/01/2024	36.46%				
07/01/2025	47.28%				
07/01/2026	49.77%				
07/01/2027	55.53%				
07/01/2028	79.81%				
07/01/2029	92.54%				
07/01/2030	95.97%				
07/01/2031	99.02%				
03/01/2032	100.00%				

RHFB 2022 LM ¹¹				
Date Percent				
06/30/2024	37.95%			
07/01/2024	49.69%			
07/01/2025	67.96%			
07/01/2026	71.95%			
07/01/2027	82.35%			
07/01/2028	87.15%			
07/01/2029	88.33%			
07/01/2030	88.60%			
07/01/2031	89.15%			
12/01/2032	100.00%			

RHFB 2023 AB ¹²				
Date	Percent			
06/30/2024	28.08%			
07/01/2024	34.17%			
07/01/2025	44.40%			
07/01/2026	46.39%			
07/01/2027	57.98%			
07/01/2028	66.99%			
07/01/2029	70.53%			
07/01/2030	71.53%			
07/01/2031	75.51%			
03/01/2033	100.00%			

RHFB 2023 D ¹³				
Date	Percent			
06/30/2024	3.65%			
07/01/2024	5.55%			
07/01/2025	7.82%			
07/01/2026	8.44%			
07/01/2027	11.19%			
07/01/2028	12.92%			
07/01/2029	13.84%			
07/01/2030	14.07%			
07/01/2031	14.37%			
05/01/2033	100.00%			

- 10 Although the RHFB 2022 I Bonds were issued with the RHFB 2022 Series J (Taxable) and Series K (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2022 Series I Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2022 Series K Bonds are not tax-restricted.
- 11 Although the RHFB 2022 LM Bonds were issued with the RHFB 2022 Series N (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Loans backing Program Loans backing Program Securities acquired with proceeds of the 2022 Series N Bonds are not tax-restricted.
- 12 Although the RHFB 2023 AB Bonds were issued with the RHFB 2023 Series C (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2023 Series AB Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2023 Series C Bonds are not tax-restricted.
- 13 Although the RHFB 2023 D Bonds were issued with the RHFB 2023 Series E (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2023 Series D Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2023 Series E Bonds are not tax-restricted.



RHFB 2023 F ¹⁴				
Date	Percent			
06/30/2024	6.74%			
07/01/2024	10.35%			
07/01/2025	14.41%			
07/01/2026	15.69%			
07/01/2027	21.91%			
07/01/2028	25.49%			
07/01/2029	26.73%			
07/01/2030	27.14%			
07/01/2031	30.87%			
07/01/2033	100.00%			

RHFB 2023 NO ¹⁵				
Date	Percent			
06/30/2024	19.21%			
07/01/2024	22.70%			
07/01/2025	29.38%			
07/01/2026	30.19%			
07/01/2027	32.32%			
07/01/2028	34.60%			
07/01/2029	35.95%			
07/01/2030	36.80%			
07/01/2031	38.65%			
10/01/2033	100.00%			

RHFB 2023 R ¹⁶				
Date Percent				
06/30/2024	12.85%			
07/01/2024	18.91%			
07/01/2025	27.99%			
07/01/2026	30.23%			
07/01/2027	40.47%			
07/01/2028	49.25%			
07/01/2029	53.00%			
07/01/2030	54.43%			
07/01/2031	56.79%			
01/01/2032	61.95%			
11/01/2033	100.00%			

	RHFB 2024 A ¹⁷				
	Percent				
06	/30/2024	3.46%			
07	/01/2024	5.90%			
07	/01/2025	9.12%			
07	/01/2026	9.72%			
07	/01/2027	12.64%			
07	/01/2028	16.32%			
07	/01/2029	17.21%			
07	/01/2030	17.53%			
07	/01/2031	18.88%			
01	/01/2032	19.84%			
02	/01/2034	100.00%			

- 14 Although the RHFB 2023 F Bonds were issued with the RHFB 2023 Series G (Taxable) and Series H (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2023 Series F Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2023 Series G Bonds and 2023 Series H Bonds are not tax-restricted.
- 15 Although the RHFB 2023 NO Bonds were issued with the RHFB 2023 Series P (Taxable) and Series Q (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2023 Series NO Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2023 Series P Bonds and 2023 Series Q Bonds are not tax-restricted.
- 16 Although the RHFB 2023 R Bonds were issued with the RHFB 2023 Series S (Taxable) and Series T (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2023 Series R Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2023 Series S Bonds and 2023 Series T Bonds are not tax-restricted.
- 17 Although the RHFB 2024 A Bonds were issued with the RHFB 2024 Series B (Taxable) and the 2024 Series C (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2024 Series A Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2024 Series B Bonds and the 2024 Series C Bonds are not tax-restricted.



RHFB 2024 FG ¹⁸				
Date	Percent			
06/30/2024	23.83%			
07/01/2024	25.12%			
07/01/2025	29.08%			
07/01/2026	29.35%			
05/01/2034	100.00%			

¹⁵ Although the RHFB 2024 FG Bonds were issued with the RHFB 2024 Series H (Taxable) and Series I (Taxable), the percentages shown above relate only to the prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2024 Series FG Bonds. The prepayments and repayments from the Program Loans backing Program Securities acquired with proceeds of the 2024 Series I Bonds are not tax-restricted.



Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
OCITICS	Tunu	investment type	matarity Date	Nato	1 41
None	Revenue	FHLMC	3/15/2031	6.75000 % \$	826,000
None	Revenue	GNMA II POOL #755715	12/20/2040	4.00000	90,799
None	Revenue	GNMA II POOL #755735	1/20/2041	3.37500	108,180
None	Revenue	GNMA II POOL #755737	1/20/2041	3.87500	151,715
None	Revenue	FNMA POOL #AU7184	5/1/2043	3.00000	159,888
None	Revenue	FNMA POOL #AT7540	7/1/2043	2.90000	224,288
None	Revenue	Government Money Market Fund	Daily	5.24676	3,172,172
07M	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	249,041
07M	Debt Service Reserve	Transamerica Life Insurance Company Inv. Agmt.	7/1/2048	5.26000	230,700
07M	Debt Service Reserve	Government Money Market Fund	Daily	5.24676	6,159
07M	Redemption	Government Money Market Fund	Daily	5.24676	160,000
07M	Revenue	Government Money Market Fund	Daily	5.24676	86,835
13ABC	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	249,683
13ABC	Debt Service Reserve	FNMA POOL #AT7541	7/1/2043	3.02500	237,445
13ABC	Debt Service Reserve	Government Money Market Fund	Daily	5.24676	169,875
13ABC	Redemption	Government Money Market Fund	Daily	5.24676	105,000
13ABC	Revenue	Government Money Market Fund	Daily	5.24676	338,131
14A	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	10,100
14A	Redemption	Government Money Market Fund	Daily	5.24676	505,000
14A	Revenue	Government Money Market Fund	Daily	5.24676	91,398
14B	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	32,800
14B	Debt Service Reserve	Government Money Market Fund	Daily	5.24676	31,500
14B	Redemption	Government Money Market Fund	Daily	6.24676	590,000
14B	Revenue	Government Money Market Fund	Daily	5.24676	303,698
14CDE	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	629,460
14CDE	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	1,490,000
14CDE	Debt Service Reserve	Government Money Market Fund	Daily	5.24676	1,030,650
14CDE	Redemption	Government Money Market Fund	Daily	5.24676	180,000
14CDE	Revenue	Government Money Market Fund	Daily	5.24676	805,547
15ABCD	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	265,633
15ABCD	Debt Service Reserve	FNMA POOL #AT7535	6/1/2043	2.77500	175,844
15ABCD	Debt Service Reserve	FNMA POOL #AU3005	6/1/2043	2.90000	131,874
15ABCD	Debt Service Reserve	GNMA II POOL #AC8310	1/20/2043	2.50000	47,664
15ABCD					•
	Debt Service Reserve	Government Money Market Fund	Daily	5.24676	87,418
15ABCD	Redemption	Government Money Market Fund	Daily	5.24676	140,000
15ABCD	Revenue	Government Money Market Fund	Daily	5.24676	195,089
15EFG	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	595,772
15EFG	Debt Service Reserve	FNMA POOL #AH099	12/1/2040	3.45000	83,400
15EFG	Debt Service Reserve	Government Money Market Fund	Daily	5.24676	911,100



				Interest	
Series	Fund	Investment Type	Maturity Date	Rate	Par
15EFG	Redemption	Government Money Market Fund	Daily	5.24676 % \$	1,325,000
15EFG	Revenue	Government Money Market Fund	Daily	5.24676	645,931
16ABC	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	403,853
16ABC	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	495,000
16ABC	Debt Service Reserve	FNMA POOL #AT9856	6/1/2043	2.65000	29,136
16ABC	Debt Service Reserve	FNMA POOL #AH5520	12/1/2040	3.45000	199,289
16ABC	Debt Service Reserve	GNMA II POOL #AC8376	2/20/2043	2.87500	325,601
16ABC	Debt Service Reserve	Government Money Market Fund	Daily	5.24676	190,693
16ABC	Redemption	Government Money Market Fund	Daily	5.24676	155,000
16ABC	Revenue	Government Money Market Fund	Daily	5.24676	492,123
16DEF	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	728,869
16DEF	Debt Service Reserve	Government Money Market Fund	Daily	5.24676	315,771
16DEF	Redemption	Government Money Market Fund	Daily	5.24676	2,215,000
16DEF	Revenue	Government Money Market Fund	Daily	5.24676	177,886
17ABC	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	669,582
17ABC	Debt Service Reserve	Government Money Market Fund	Daily	5.24676	535,553
17ABC	Redemption	Government Money Market Fund	Daily	5.24676	1,715,000
17ABC	Revenue	Government Money Market Fund	Daily	5.24676	16,811
17DEF	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	808,066
17DEF	Debt Service Reserve	Government Money Market Fund	Daily	5.24676	236,991
17DEF	Redemption	Government Money Market Fund	Daily	6.24676	2,165,000
17DEF	Revenue	Government Money Market Fund	Daily	5.24676	678,201
18ABCD	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	269,689
18ABCD	Debt Service Reserve	Government Money Market Fund	Daily	5.24676	128,902
18ABCD	Redemption	Government Money Market Fund	Daily	5.24676	1,360,000
18ABCD	Revenue	Government Money Market Fund	Daily	5.24676	900,714
18EFGH	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	516,743
18EFGH	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	5,000
18EFGH	Redemption	Government Money Market Fund	Daily	5.24676	1,075,000
18EFGH	Revenue	Government Money Market Fund	Daily	5.24676	1,325,417
19ABCD	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	1,128,114
19ABCD	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	15,000
19ABCD	Debt Service Reserve	Government Money Market Fund	Daily	5.24676	285,096
19ABCD	Redemption	Government Money Market Fund	Daily	5.24676	1,510,000
19ABCD	Revenue	Government Money Market Fund	Daily	5.24676	491,108
19EFGH	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	1,768,442
19EFGH	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	550,000
19EFGH	Redemption	Government Money Market Fund	Daily	5.24676	1,450,000



Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
19EFGH	Revenue	Government Money Market Fund	Daily	5.24676 % \$	750,213
20ABC	Bond Fund Interest	Government Money Market Fund	Daily	5.24676 % \$	1,760,509
20ABC	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	1,435,000
20ABC	•	Government Money Market Fund	Daily	5.24676	935,000
20ABC	Redemption Revenue	Government Money Market Fund	•	5.24676	2,119,743
20ABC 20DE	Bond Fund Interest	•	Daily	5.24676	
		Government Money Market Fund	Daily		1,285,874
20DE	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	1,225,000
20DE	Redemption	Government Money Market Fund	Daily	5.24676	1,060,000
20DE	Revenue	Government Money Market Fund	Daily	5.24676	1,434,516
20FG	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	1,144,608
20FG	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	1,270,000
20FG	Cost of Issuance	Government Money Market Fund	Daily	5.24676	41,292
20FG	Redemption	Government Money Market Fund	Daily	5.24676	540,000
20FG	Revenue	Government Money Market Fund	Daily	5.24676	1,549,720
20HI	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	1,109,221
20HI	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	1,295,000
20HI	Cost of Issuance	Government Money Market Fund	Daily	5.24676	40,954
20HI	Redemption	Government Money Market Fund	Daily	5.24676	560,000
20HI	Revenue	Government Money Market Fund	Daily	5.24676	995,225
21AB	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	1,247,879
21AB	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	1,260,000
21AB	Cost of Issuance	Government Money Market Fund	Daily	5.24676	41,188
21AB	Redemption	Government Money Market Fund	Daily	5.24676	1,365,000
21AB	Revenue	Government Money Market Fund	Daily	5.24676	1,203,151
21CD	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	1,683,537
21CD	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	2,255,000
21CD	Cost of Issuance	Government Money Market Fund	Daily	5.24676	4,677
21CD	Redemption	Government Money Market Fund	Daily	5.24676	805,000
21CD	Revenue	Government Money Market Fund	Daily	5.24676	1,708,445
21EF	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	1,487,321
21EF	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	1,585,000
21EF	Cost of Issuance	Government Money Market Fund	Daily	5.24676	11,931
21EF	Redemption	Government Money Market Fund	Daily	5.24676	1,765,000
21EF	Revenue	Government Money Market Fund	Daily	5.24676	1,649,820
21GHI	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	1,968,723
21GHI	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	1,930,000
21GHI	Cost of Issuance	Government Money Market Fund	Daily	5.24676	4,481
21GHI	Redemption	Government Money Market Fund	Daily	5.24676	835,000



Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
21GHI	Revenue	Government Money Market Fund	Daily	5.24676 % \$	1,876,978
22AB	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	1,206,447
22AB	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	1,695,000
22AB	Cost of Issuance	Government Money Market Fund	Daily	5.24676	85,855
22AB	Redemption	Government Money Market Fund	Daily	5.24676	380,000
22AB	Revenue	Government Money Market Fund	Daily	5.24676	628,572
22CD	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	2,612,316
22CD	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	1,855,000
22CD	Redemption	Government Money Market Fund	Daily	5.24676	1,760,000
22CD	Revenue	Government Money Market Fund	Daily	5.24676	149,245
22EF	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	3,246,013
22EF	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	2,630,000
22EF	Redemption	Government Money Market Fund	Daily	5.24676	795,000
22EF	Revenue	Government Money Market Fund	Daily	5.24676	40,512
22GH	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	3,432,183
22GH	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	1,125,000
22GH	Redemption	Government Money Market Fund	Daily	5.24676	1,775,000
22GH	Revenue	Government Money Market Fund	Daily	5.24676	969,515
22IJK	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	2,400,485
22IJK	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	860,000
22IJK	Cost of Issuance	Government Money Market Fund	Daily	5.24676	22,613
22IJK	Excess Revenue	Government Money Market Fund	Daily	5.24676	390,720
22IJK	Redemption	Government Money Market Fund	Daily	5.24676	1,440,000
22IJK	Revenue	Government Money Market Fund	Daily	5.24676	1,834,153
22LMN	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	4,145,518
22LMN	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	1,155,000
22LMN	Redemption	Government Money Market Fund	Daily	5.24676	1,645,000
22LMN	Revenue	Government Money Market Fund	Daily	5.24676	2,848,694
23ABC	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	2,432,835
23ABC	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	910,000
23ABC	Cost of Issuance	Government Money Market Fund	Daily	5.24676	85,039
23ABC	Redemption	Government Money Market Fund	Daily	5.24676	615,000
23ABC	Revenue	Government Money Market Fund	Daily	5.24676	704,599
23DE	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	2,986,150
23DE	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	1,020,000
23DE	Cost of Issuance	Government Money Market Fund	Daily	5.24676	51,644
23DE	Redemption	Government Money Market Fund	Daily	5.24676	360,000
23DE	Revenue	Government Money Market Fund	Daily	5.24676	946,296



Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
23FG	Bond Fund Interest	Covernment Manay Market Fund	Deile	5.04676.0/ (2,000,007
23FG 23FG		Government Money Market Fund	Daily	5.24676 % \$	3,900,697
23FG 23FG	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	1,165,000
23FG 23FG	Cost of Issuance	Government Money Market Fund	Daily	5.24676	14,764
	Redemption	Government Money Market Fund	Daily	5.24676	325,000
23FG	Revenue	Government Money Market Fund	Daily	5.24676	2,295,344
23HI	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	2,737,801
23HI	Cost of Issuance	Government Money Market Fund	Daily	5.24676	34,825
23HI	Redemption	Government Money Market Fund	Daily	5.24676	660,000
23HI	Revenue	Government Money Market Fund	Daily	5.24676	338,659
23JK	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	4,225,733
23JK	Cost of Issuance	Government Money Market Fund	Daily	5.24676	3,042
23JK	Redemption	Government Money Market Fund	Daily	5.24676	1,230,000
23JK	Revenue	Government Money Market Fund	Daily	5.24676	2,123,552
23LM	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	2,811,404
23LM	Cost of Issuance	Government Money Market Fund	Daily	5.24676	4,506
23LM	Redemption	Government Money Market Fund	Daily	5.24676	845,000
23LM	Revenue	Government Money Market Fund	Daily	5.24676	279,290
23NOPQ	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	4,156,726
23NOPQ	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	210,000
23NOPQ	Redemption	Government Money Market Fund	Daily	5.24676	400,000
23NOPQ	Revenue	Government Money Market Fund	Daily	5.24676	1,865,000
23RST	Acquisition	Government Money Market Fund	Daily	5.24676	8,460
23RST	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	5,905,704
23RST	Redemption	Government Money Market Fund	Daily	5.24676	135,000
23RST	Revenue	Government Money Market Fund	Daily	5.24676	729,261
23UV	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	2,355,256
23UV	Bond Fund Principal	Government Money Market Fund	Daily	5.24676	197,500
23UV	Cost of Issuance	Government Money Market Fund	Daily	5.24676	36,381
23UV	Redemption	Government Money Market Fund	Daily	5.24676	345,000
23UV	Revenue	Government Money Market Fund	Daily	5.24676	86,467
24ABC	Acquisition	Government Money Market Fund	Daily	5.24676	231,010
24ABC	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	2,846,236
24ABC	Redemption	Government Money Market Fund	Daily	5.24676	10,000
24ABC	Revenue	Government Money Market Fund	Daily	5.24676	292,513
24DE	Acquisition	Government Money Market Fund	Daily	5.24676	15,596
24DE	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	1,144,189
24DE	Cost of Issuance	Government Money Market Fund	Daily	5.24676	32,656
24DE	Redemption	Government Money Market Fund	Daily	5.24676	160,000



Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
24DE	Revenue	Government Money Market Fund	Daily	5.24676 % \$	299,188
24FGHI	Acquisition	Government Money Market Fund	Daily	5.24676	53,120,334
24FGHI	Bond Fund Interest	Government Money Market Fund	Daily	5.24676	1,171,294
24FGHI	Revenue	Government Money Market Fund	Daily	5.24676	13,982
24JK	Acquisition	Government Money Market Fund	Daily	5.24676	36,740,292
24JK	Cost of Issuance	Government Money Market Fund	Daily	5.24676	144,063
24JK	Revenue	Government Money Market Fund	Daily	5.24676	22,199
					274,351,766

At June 30, 2024 there are \$55 million in notes payable to the Bond Resolution from the Alternative Loan Fund, Pool 2.



Residential Housing Finance Bond Resolution Debt Service Reserve Requirement Information as of June 30, 2024

Debt Service Reserve Fund (all series combined)

Debt Service Reserve Requirement

Value (Per Resolution)

\$5,577,754

\$5,366,768

¹ On June 3, 2024 there was \$5,577,754 in the Debt Service Reserve Fund: \$210,986 was transferred to Redemption Accounts on June 28, 2024 for bonds called for redemption on July 1, 2024 in anticipation of decreased Debt Service Reserve Requirement effective upon those redemptions.