



Residential Housing Finance Bond Resolution

Quarterly Disclosure Report
Information as of September 30, 2019
Published November 15, 2019

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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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This publication is available upon request in alternative formats.*

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Residential Housing Finance Bonds Disclaimer

All information contained herein has been furnished or obtained by the Minnesota Housing Finance Agency (the “Agency” or “Minnesota Housing”) from sources believed to be accurate and reliable. The information contained in this Disclosure Report speaks only as of September 30, 2019 (except as expressly stated otherwise), is subject to change without notice and delivery of this information shall not, under any circumstances, create any implication that there has been no change in the affairs of the Agency since September 30, 2019. In particular, information provided herein relating to redemption provisions and call priorities is only a partial summary of the complete terms contained in the Official Statement or Private Placement Memorandum and operative documents for each series of Bonds. Reference should be made to the Official Statement or Private Placement Memorandum and the operative documents for each series of Bonds for a complete statement of the terms of such series. Under no circumstances shall the Agency have any liability to any person or entity for (1) any loss or damage in whole or part caused by, resulting from or relating to any error (occasioned by neglect or otherwise) or other circumstances involved in procuring, collecting, compiling, interpreting, analyzing, editing, transcribing, communicating or delivering any such information, or (2) any direct, indirect, special, consequential or incidental damages whatsoever, even if the Agency is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, any such information.

THIS IS NOT AN OFFERING DOCUMENT.

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 September 30, 2019**

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, 2019. You can retrieve a copy from Minnesota Housing's website at www.mnhousing.gov or contact the Agency to request a copy.

The Agency has traditionally 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.

The Agency has adopted another bond resolution (the Homeownership Finance Bond Resolution) under which the Agency has financed single family mortgage loans through the acquisition of mortgage-backed securities under the New Issue Bond Program offered by the United States Department of the Treasury, Fannie Mae and Freddie Mac. As of December 31, 2011, the Agency had used all its authority under the New Issue Bond Program and has since issued bonds under the Bond Resolution and the Homeownership Finance Bond Resolution.

**Residential Housing Finance Bond Resolution
Whole Loan Mortgages
Information as of September 30, 2019**



MORTGAGE LOANS BY AMOUNT

Funding Source	Loans Purchased	Less Scheduled Payments	Less Prepayments and Curtailments	Less Loans Transferred to REO, FHA/VA Assigned, PMI Claims	Loans Outstanding	Weighted Average Mortgage Rate (based on Loans Outstanding)
Retired	\$ 1,533,438,525	\$ 232,867,663	\$ 883,007,937	\$ 415,204,152	\$ 2,358,773	4.39 %
06LMN	20,334,227	3,501,229	9,847,948	6,511,329	473,721	5.45
07M	51,601,162	1,468,013	28,991,591	12,686,544	8,455,014	5.25
07M-40 Year	13,786,495	715,562	4,153,974	5,506,959	3,410,000	5.12
12ABCD	96,047,766	14,504,552	45,152,378	8,138,509	28,252,327	5.59
13ABC	42,482,583	7,070,709	17,211,283	3,549,654	14,650,937	5.22
14A	15,938,679	3,456,804	6,399,544	176,926	5,905,405	6.08
14B	15,978,942	4,184,520	4,894,796	302,517	6,597,109	5.86
14CDE	147,424,535	14,965,562	55,520,266	7,987,504	68,951,203	5.02
15ABCD	52,474,015	4,017,538	22,154,738	3,428,226	22,873,513	5.11
15ABCD-40 Year	3,064,439	87,158	1,433,858	356,538	1,186,885	5.06
15EFG	80,106,833	6,549,225	27,801,981	3,900,047	41,855,580	5.43
15EFG-40 year	15,680,365	516,493	6,167,920	1,720,950	7,275,002	5.01
16ABC	59,751,015	3,574,872	25,302,772	3,725,190	27,148,181	5.38
16ABC-40 Year	22,027,528	738,883	7,955,783	1,177,320	12,155,542	4.89
16DEF	27,242,103	2,116,504	8,400,051	939,879	15,785,669	5.50
16DEF-40 Year	8,084,772	240,852	2,414,740	349,835	5,079,345	5.12
17ABC	45,579,077	2,102,852	12,724,985	1,351,176	29,400,064	5.37
17ABC-40 Year	12,928,653	337,611	3,066,169	207,407	9,317,466	5.41
17DEF	20,736,955	861,553	3,640,170	654,368	15,580,864	5.39
17DEF-40 Year	5,841,813	151,612	860,741	-	4,829,460	5.21
18ABCD	19,253,174	1,083,163	2,400,808	98,016	15,671,187	5.00
19ABCD	31,227,433	559,038	1,411,553	272,134	28,984,708	5.55
Total	\$ 2,341,031,089	\$ 305,671,968	\$ 1,180,915,986	\$ 478,245,180	\$ 376,197,955	5.2935 %

**Residential Housing Finance Bond Resolution
Whole Loan Mortgages
Information as of September 30, 2019**



MORTGAGE LOANS BY NUMBER

Funding Source	Number of Loans Purchased	Number of Loans Paid Off	Less Number of Loans Transferred to REO,FHA/VA Assigned, PMI Claims	Number of Loans Outstanding
Retired	14,004.7	10,472.4	3,483.3	49.0
06LMN	157.0	96.0	56.0	5.0
07M	435.3	240.0	101.4	93.9
07M-40 Year	87.6	29.4	34.4	23.8
12ABCD	1,411.0	704.0	116.5	590.5
13ABC	641.0	285.0	49.5	306.5
14A	381.0	174.0	3.0	204.0
14B	419.0	197.0	5.0	217.0
14CDE	1,554.0	610.5	83.5	860.0
15ABCD	538.0	240.0	35.5	262.5
15ABCD-40 Year	20.0	10.0	2.0	8.0
15EFG	886.0	313.0	40.5	532.5
15EFG-40 year	105.0	43.0	12.0	50.0
16ABC	567.0	229.5	34.0	303.5
16ABC-40 Year	151.0	57.0	8.0	86.0
16DEF	392.3	121.7	13.0	257.6
16DEF-40 Year	55.6	18.0	2.4	35.2
17ABC	518.0	137.0	15.0	366.0
17ABC-40 Yr	102.0	22.0	2.0	78.0
17DEF	226.0	35.0	7.0	184.0
17DEF-40 Yr	48.0	9.0	-	39.0
18ABCD	307.5	33.0	2.0	272.5
19ABCD	556.0	23.0	2.5	530.5
Total	23,563.0	14,099.5	4,108.5	5,355.0

If the number of loans 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. 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.

Residential Housing Finance Bond Resolution
Bonds, Loans, and Mortgage-Backed Securities Outstanding; Remaining Acquisition Fund
Information as of September 30, 2019



Series	Bonds Outstanding	Mortgages Outstanding	Mortgage-Backed Securities Outstanding	Remaining Acquisition Fund Balance	Outstanding Commitments	Uncommitted Lendable Funds	Weighted Average Rate for Mortgages or Mortgage-Backed Securities (based on \$ Amount Outstanding)
Retired	\$ -	\$2,358,773	\$ -	\$ -	\$ -	\$ -	4.40 %
06LMN	345,000	473,721	-	-	-	-	5.45
07M	15,820,000	11,865,014	-	-	-	-	5.22
12ABCD	41,990,000	28,252,327	23,960,990	-	-	-	5.59 (12ABCD mortgages) 3.52 (12ABCD mortgage-backed securities)
13ABC	34,470,000	14,650,937	19,797,044	-	-	-	5.22 (13ABC mortgages) 2.63 (13ABC mortgage-backed securities)
14A	13,680,000	5,905,405	25,046,361	-	-	-	6.08 (14A mortgages) 3.21 (14A mortgage-backed securities)
14B	12,750,000	6,597,109	23,487,252	-	-	-	5.86 (14B mortgages) 3.34 (14B mortgage-backed securities)
14CDE	111,465,000	68,951,203	41,002,101	-	-	-	5.02 (14CDE mortgages) 3.51 (14CDE mortgage-backed securities)
15ABCD	69,660,000	24,060,398	38,773,280	-	-	-	5.11 (15ABCD mortgages) 3.27 (15ABCD mortgage-backed securities)
15EFG	101,825,000	49,130,582	49,636,392	-	-	-	5.37 (15EFG mortgages) 3.54 (15EFG mortgage-backed securities)
16ABC	92,425,000	39,303,723	56,510,492	-	-	-	5.21 (16ABC mortgages) 3.42 (16ABC mortgage-backed securities)
16DEF	106,750,000	20,865,014	80,859,773	-	-	-	5.41 (16DEF mortgages) 3.08 (16DEF mortgage-backed securities)
17ABC	95,320,000	38,717,530	52,135,934	-	-	-	5.38 (17ABC mortgages) 3.72 (17ABC mortgage-backed securities)
17DEF	129,155,000	20,410,324	106,611,394	-	-	-	5.35 (17DEF mortgages) 3.56 (17DEF mortgage-backed securities)
18ABCD	122,515,000	15,671,187	113,641,410	-	-	-	5.00 (18ABCD mortgages) 4.07 (18ABCD mortgage-backed securities)
18EFGH	147,735,000	-	145,298,558	-	-	-	4.36 (18EFGH mortgage-backed securities)
19ABCD	187,380,000	28,984,708	156,703,392	-	-	-	5.55 (19ABCD mortgages) 4.52 (19ABCD mortgage-backed securities)
19EFGH	200,000,000	-	104,605,998	97,606,807	-	-	4.52 (19EFGH mortgage-backed securities)
	\$ 1,483,285,000	\$376,197,955	\$ 1,038,070,371	\$ 97,606,807	\$ -	\$ -	3.77 (19EFGH mortgage-backed securities) 4.20 %

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2012 ABCD

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AA0402	GNMA II	3.625 %	\$ 2,815,431	\$ 978,380
AO1087	FNMA	3.275	118,225	43,729
AO2408	FNMA	3.275	302,503	-
AO2409	FNMA	3.275	110,037	-
AO3786	FNMA	3.275	460,486	122,846
AO5861	FNMA	3.275	73,491	62,192
AO5869	FNMA	3.275	155,770	-
AO0387	FNMA	3.400	215,938	76,390
AO1088	FNMA	3.400	102,252	-
AO2413	FNMA	3.650	97,465	-
AO2414	FNMA	3.650	218,860	186,904
AO3787	FNMA	3.650	230,530	69,214
AO5862	FNMA	3.650	226,837	194,978
AO1089	FNMA	3.775	306,942	164,461
AO1090	FNMA	3.775	102,861	88,253
AO1099	FNMA	3.775	103,790	-
AO3779	FNMA	3.775	88,880	74,229
Subtotal			5,730,298	2,061,575

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities
(50.0031% of the principal payments and 100% of the interest payments paid
to 12ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
799858	GNMA II	3.250 %	\$ 55,750	\$ 42,621
AA0282	GNMA II	3.375	88,231	74,985
AA0342	GNMA II	3.375	177,369	-
AA0401	GNMA II	3.375	88,982	75,655
793301	GNMA II	3.750	2,811,748	1,181,998
799957	GNMA II	3.750	2,722,740	1,100,644
799958	GNMA II	3.875	169,926	-
AO3773	FNMA	3.650	51,642	44,588
AO5870	FNMA	3.650	180,482	78,725
AB1497	GNMA II	3.000	212,877	124,483
AB1556	GNMA II	3.000	214,752	182,059
AB1724	GNMA II	3.000	413,923	157,722
AB1919	GNMA II	3.000	488,124	182,797
AB1725	GNMA II	3.125	304,729	103,312
AB1880	GNMA II	3.125	248,035	-
AB1904	GNMA II	3.125	84,033	-
AB1920	GNMA II	3.125	320,009	167,742

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities
(50.0031% of the principal payments and 100% of the interest payments paid
to 12ABCD), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AB1921	GNMA II	3.250 %	\$ 445,324	\$ 185,340
AB1446	GNMA II	3.375	278,876	99,208
AB1618	GNMA II	3.500	421,599	52,678
AB1883	GNMA II	3.500	234,985	112,878
AB1923	GNMA II	3.500	385,053	118,393
AB1503	GNMA II	3.625	308,974	81,142
AB1561	GNMA II	3.625	258,242	88,067
AB1619	GNMA II	3.625	136,854	117,692
AB1646	GNMA II	3.625	378,903	47,283
AB1729	GNMA II	3.625	397,359	-
AB1767	GNMA II	3.625	158,319	-
AB1908	GNMA II	3.625	407,184	107,333
AB1924	GNMA II	3.625	62,523	-
AB2030	GNMA II	3.625	185,414	158,546
Subtotal			12,692,962	4,685,893
MBS Participation Interest (50.0031%)			6,346,874	2,343,092

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities
(50.0021% of the principal payments and 100% of the interest payments paid
to 12ABCD)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AA0104	GNMA II	3.250 %	\$ 1,569,180	\$ 305,696
AA0163	GNMA II	3.250	1,662,807	419,733
AA0281	GNMA II	3.250	2,286,836	953,188
AA0164	GNMA II	3.375	629,700	281,885
AA0198	GNMA II	3.375	88,309	-
AB1466	GNMA II	3.375	500,702	228,961
AA0076	GNMA II	3.625	2,059,751	544,547
AA0105	GNMA II	3.625	2,128,674	587,957
AA0165	GNMA II	3.625	2,775,509	1,169,818
AA0199	GNMA II	3.625	1,624,843	666,309
AA0077	GNMA II	3.750	591,767	208,968
AA0106	GNMA II	3.750	787,881	230,989
AA0166	GNMA II	3.750	630,630	212,414
AA0200	GNMA II	3.750	200,358	171,250
AA0284	GNMA II	3.750	95,198	-
AA0344	GNMA II	3.750	142,779	-
799890	GNMA II	4.000	79,297	66,703
799891	GNMA II	4.250	105,121	-
775568	GNMA II	3.375	860,742	603,175
775591	GNMA II	3.375	245,129	93,309
775599	GNMA II	3.375	581,951	64,391
775660	GNMA II	3.375	694,558	323,414
775708	GNMA II	3.375	391,681	272,048
775724	GNMA II	3.375	620,960	282,632
792333	GNMA II	3.375	137,417	115,975

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities
(50.0021% of the principal payments and 100% of the interest payments paid
to 12ABCD), continued

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
792369	GNMA II	3.375 %	\$ 758,203	\$ 328,599
792402	GNMA II	3.375	338,061	189,051
792437	GNMA II	3.375	179,393	-
792474	GNMA II	3.375	118,586	100,663
775569	GNMA II	3.500	302,172	136,553
775592	GNMA II	3.500	57,308	48,746
775661	GNMA II	3.500	544,072	194,491
775709	GNMA II	3.500	221,472	188,384
775725	GNMA II	3.500	70,112	-
792334	GNMA II	3.500	165,019	140,373
792370	GNMA II	3.500	147,233	118,714
792403	GNMA II	3.500	130,749	111,180
775472	GNMA II	3.750	339,576	204,413
775570	GNMA II	3.750	406,357	105,044
775593	GNMA II	3.750	819,660	278,871
775600	GNMA II	3.750	432,456	137,288
775662	GNMA II	3.750	1,130,068	485,854
775710	GNMA II	3.750	481,146	165,681
775726	GNMA II	3.750	469,492	350,172
792335	GNMA II	3.750	559,141	215,945
792371	GNMA II	3.750	640,200	127,964
775571	GNMA II	3.875	213,634	104,628
775594	GNMA II	3.875	1,086,404	444,765
775663	GNMA II	3.875	658,054	253,218
775711	GNMA II	3.875	271,899	-
775727	GNMA II	3.875	292,380	126,005

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities
(50.0021% of the principal payments and 100% of the interest payments paid
to 12ABCD), continued

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
792336	GNMA II	3.875 %	\$ 172,151	\$ 40,575
792372	GNMA II	3.875	124,372	59,051
792405	GNMA II	3.875	133,109	-
775595	GNMA II	4.000	150,911	-
775601	GNMA II	4.000	81,462	-
775664	GNMA II	4.000	173,887	99,055
775712	GNMA II	4.000	112,806	-
775676	GNMA II	4.125	153,278	132,048
775713	GNMA II	4.125	84,659	-
774854	GNMA II	4.250	581,713	233,909
774888	GNMA II	4.250	207,383	56,982
775596	GNMA II	4.250	366,413	-
775677	GNMA II	4.250	415,662	-
775714	GNMA II	4.250	199,022	108,445
775728	GNMA II	4.250	175,605	-
792373	GNMA II	4.250	112,194	-
775678	GNMA II	4.375	116,417	-
775513	GNMA II	4.500	231,520	68,211
Subtotal			35,917,191	13,158,238
MBS Participation Interest (50.0021%)			17,959,350	6,579,396

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities
(50.0019% of the principal payments and none of the interest payments paid
to 12ABCD)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AB1464	GNMA II	3.125 %	\$ 1,493,291	\$ 759,593
AA0469	GNMA II	3.625	1,650,089	797,712
799861	GNMA II	3.750	1,863,656	442,305
AC8104	GNMA II	2.875	4,097,610	1,876,334
AB2093	GNMA II	3.125	271,185	-
AC7756	GNMA II	3.125	637,851	176,401
Subtotal			10,013,682	4,052,345
MBS Participation Interest (50.0019%)			5,007,031	2,026,249

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities
(65.556% of the principal payments and none of the interest payments paid
to 12ABCD)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AB1463	GNMA II	3.000 %	\$ 49,221	\$ 42,195
799886	GNMA II	3.250	495,166	118,691
799954	GNMA II	3.250	931,842	450,545
AA0003	GNMA II	3.250	202,922	73,713
AA0074	GNMA II	3.250	1,667,721	508,329
AA0341	GNMA II	3.250	1,943,418	1,036,252
AA0400	GNMA II	3.250	1,699,366	421,351
AA0467	GNMA II	3.250	1,166,842	533,439
AB1465	GNMA II	3.250	492,658	269,990
793298	GNMA II	3.375	1,284,543	693,931
799859	GNMA II	3.375	1,311,886	661,667
799887	GNMA II	3.375	930,061	272,964
AA0004	GNMA II	3.375	790,402	665,422
AA0075	GNMA II	3.375	591,125	199,386
AA0508	GNMA II	3.375	106,710	-
AB1500	GNMA II	3.375	96,759	-
799860	GNMA II	3.625	500,928	250,161
799888	GNMA II	3.625	709,598	298,026
799956	GNMA II	3.625	981,586	207,446
AA0005	GNMA II	3.625	1,000,098	591,887
AA0283	GNMA II	3.625	2,151,221	480,964
AA0343	GNMA II	3.625	2,509,161	1,267,478
799889	GNMA II	3.750	1,010,556	256,591
AA0014	GNMA II	3.750	886,095	513,297
AA0403	GNMA II	3.750	281,417	86,490

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities
(65.556% of the principal payments and none of the interest payments paid
to 12ABCD), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AR0865	FNMA	2.525 %	\$ 47,821	\$ -
AR2963	FNMA	2.525	98,798	74,024
AR5611	FNMA	2.525	94,711	80,917
AR5614	FNMA	2.525	925,382	800,810
AR5616	FNMA	2.525	1,159,097	334,467
AR5617	FNMA	2.525	1,331,635	729,113
AR5619	FNMA	2.525	144,826	-
AR5620	FNMA	2.525	451,925	193,776
AR8764	FNMA	2.525	267,323	67,293
AR8770	FNMA	2.525	84,793	72,965
AR8772	FNMA	2.525	82,508	-
AT1907	FNMA	2.525	224,485	52,811
AT1917	FNMA	2.525	109,673	94,440
AT1921	FNMA	2.525	186,999	136,166
AT4624	FNMA	2.525	2,331,268	1,324,424
AT4628	FNMA	2.525	655,444	202,502
AT4633	FNMA	2.525	641,811	423,195
AT4742	FNMA	2.525	248,978	153,014
AT6228	FNMA	2.525	59,752	51,389
AQ9144	FNMA	2.530	80,418	64,587
AR5615	FNMA	2.650	134,553	111,156
AT1922	FNMA	2.650	128,883	-
AT3840	FNMA	2.650	76,105	-
AT4625	FNMA	2.650	324,103	282,162

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities
(65.556% of the principal payments and none of the interest payments paid
to 12ABCD), continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT6229	FNMA	2.650 %	\$ 293,053	\$ 249,090
AR8778	FNMA	2.775	75,520	65,390
AT1918	FNMA	2.775	142,319	-
AT1923	FNMA	2.775	103,253	87,305
AT4758	FNMA	2.775	214,584	76,010
AR5605	FNMA	2.900	73,328	-
AR8765	FNMA	2.900	37,442	-
AR8771	FNMA	2.900	226,641	67,700
AR8776	FNMA	2.900	99,476	85,491
AR8779	FNMA	2.900	139,561	-
AT1045	FNMA	2.900	218,574	166,061
AT1908	FNMA	2.900	83,511	70,568
AT1924	FNMA	2.900	170,815	145,193
AT4743	FNMA	2.900	178,897	155,538
AT4759	FNMA	2.900	68,189	-
AQ9145	FNMA	2.905	98,755	85,438
AQ7530	FNMA	3.025	38,770	-
AR0866	FNMA	3.025	94,978	82,510

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



2012 ABCD, continued

12ABCD Participation Interest in the following Mortgage-Backed Securities
(65.556% of the principal payments and none of the interest payments paid
to 12ABCD), continued

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AR5597	FNMA	3.025 %	\$ 86,505	\$ 75,202
AR1324	FNMA	3.030	74,217	64,813
AR8766	FNMA	3.275	90,618	78,574
Subtotal			36,291,598	16,704,311
MBS Participation Interest (65.556%)			23,791,320	10,950,678
2012 ABCD Total			\$ 58,834,874	\$ 23,960,990

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2013 ABC

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AC7842	GNMA II	2.500 %	\$ 72,845	\$ -
AC8149	GNMA II	2.500	84,823	69,366
AC8185	GNMA II	2.500	351,176	177,865
AC8306	GNMA II	2.500	1,234,130	473,561
AC8346	GNMA II	2.500	1,377,119	540,734
AC8371	GNMA II	2.500	536,055	278,998
AC8375	GNMA II	2.500	409,690	211,015
AD7480	GNMA II	2.500	490,678	239,769
AT4629	FNMA	2.650	788,890	228,673
AT7528	FNMA	2.650	1,633,992	974,710
AR5612	FNMA	2.775	86,370	-
AR5621	FNMA	2.775	168,901	147,524
AT4626	FNMA	2.775	285,628	94,498
AT7529	FNMA	2.775	343,062	-
AT4627	FNMA	2.900	149,529	131,010
AT4631	FNMA	2.900	169,550	-
AR0869	FNMA	3.150	75,992	65,380
AR2964	FNMA	3.150	129,684	113,036
AR5596	FNMA	3.150	59,464	50,972
AT1046	FNMA	3.275	134,213	116,023
AR8780	FNMA	3.400	74,302	65,011
AQ6038	FNMA	3.650	98,340	-
Subtotal			8,754,430	3,978,143

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AB1463	GNMA II	3.000 %	\$ 49,221	\$ 42,195
799886	GNMA II	3.250	495,166	118,691
799954	GNMA II	3.250	931,842	450,545
AA0003	GNMA II	3.250	202,922	73,713
AA0074	GNMA II	3.250	1,667,721	508,329
AA0341	GNMA II	3.250	1,943,418	1,036,252
AA0400	GNMA II	3.250	1,699,366	421,351
AA0467	GNMA II	3.250	1,166,842	533,439
AB1465	GNMA II	3.250	492,658	269,990
793298	GNMA II	3.375	1,284,543	693,931
799859	GNMA II	3.375	1,311,886	661,667
799887	GNMA II	3.375	930,061	272,964
AA0004	GNMA II	3.375	790,402	665,422
AA0075	GNMA II	3.375	591,125	199,386
AA0508	GNMA II	3.375	106,710	-
AB1500	GNMA II	3.375	96,759	-
799860	GNMA II	3.625	500,928	250,161
799888	GNMA II	3.625	709,598	298,026
799956	GNMA II	3.625	981,586	207,446
AA0005	GNMA II	3.625	1,000,098	591,887
AA0283	GNMA II	3.625	2,151,221	480,964
AA0343	GNMA II	3.625	2,509,161	1,267,478
799889	GNMA II	3.750	1,010,556	256,591
AA0014	GNMA II	3.750	886,095	513,297
AA0403	GNMA II	3.750	281,417	86,490

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AR0865	FNMA	2.525 %	\$ 47,821	\$ -
AR2963	FNMA	2.525	98,798	74,024
AR5611	FNMA	2.525	94,711	80,917
AR5614	FNMA	2.525	925,382	800,810
AR5616	FNMA	2.525	1,159,097	334,467
AR5617	FNMA	2.525	1,331,635	729,113
AR5619	FNMA	2.525	144,826	-
AR5620	FNMA	2.525	451,925	193,776
AR8764	FNMA	2.525	267,323	67,293
AR8770	FNMA	2.525	84,793	72,965
AR8772	FNMA	2.525	82,508	-
AT1907	FNMA	2.525	224,485	52,811
AT1917	FNMA	2.525	109,673	94,440
AT1921	FNMA	2.525	186,999	136,166
AT4624	FNMA	2.525	2,331,268	1,324,424
AT4628	FNMA	2.525	655,444	202,502
AT4633	FNMA	2.525	641,811	423,195
AT4742	FNMA	2.525	248,978	153,014
AT6228	FNMA	2.525	59,752	51,389
AQ9144	FNMA	2.530	80,418	64,587
AR5615	FNMA	2.650	134,553	111,156
AT1922	FNMA	2.650	128,883	-
AT3840	FNMA	2.650	76,105	-
AT4625	FNMA	2.650	324,103	282,162

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AT6229	FNMA	2.650 %	\$ 293,053	\$ 249,090
AR8778	FNMA	2.775	75,520	65,390
AT1918	FNMA	2.775	142,319	-
AT1923	FNMA	2.775	103,253	87,305
AT4758	FNMA	2.775	214,584	76,010
AR5605	FNMA	2.900	73,328	-
AR8765	FNMA	2.900	37,442	-
AR8771	FNMA	2.900	226,641	67,700
AR8776	FNMA	2.900	99,476	85,491
AR8779	FNMA	2.900	139,561	-
AT1045	FNMA	2.900	218,574	166,061
AT1908	FNMA	2.900	83,511	70,568
AT1924	FNMA	2.900	170,815	145,193
AT4743	FNMA	2.900	178,897	155,538
AT4759	FNMA	2.900	68,189	-
AQ9145	FNMA	2.905	98,755	85,438
AQ7530	FNMA	3.025	38,770	-
AR0866	FNMA	3.025	94,978	82,510
AR5597	FNMA	3.025	86,505	75,202
AR1324	FNMA	3.030	74,217	64,813
AR8766	FNMA	3.275	90,618	78,574
Subtotal			36,291,598	16,704,311
MBS Participation Interest (34.444%)			12,500,278	5,753,633

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AC8396	GNMA II	2.500 %	\$ 1,509,787	\$ 610,436
AC8401	GNMA II	2.500	48,506	-
AC8517	GNMA II	2.500	705,460	482,188
AC8521	GNMA II	2.500	281,308	101,806
AD7201	GNMA II	2.500	1,146,241	570,774
AD7306	GNMA II	2.500	528,762	290,094
AD7309	GNMA II	2.500	110,433	-
AD7322	GNMA II	2.500	884,732	459,500
AD7328	GNMA II	2.500	94,607	-
AD7411	GNMA II	2.500	1,324,919	815,190
AD7520	GNMA II	2.500	144,206	122,477
AD7323	GNMA II	2.625	152,254	-
AD7412	GNMA II	2.625	487,240	209,322
AD7481	GNMA II	2.625	1,315,697	634,935
AD7521	GNMA II	2.625	973,807	621,658
AD7525	GNMA II	2.625	199,960	165,805
AD7549	GNMA II	2.625	1,253,675	711,863
AC8103	GNMA II	2.750	54,282	46,526
AC8347	GNMA II	2.750	465,500	328,052
AC8397	GNMA II	2.750	533,047	115,829
AC7907	GNMA II	2.875	333,360	91,068
AC8150	GNMA II	2.875	261,715	224,787
AB2123	GNMA II	3.125	45,546	-
AE9846	GNMA II	2.750	1,378,784	286,864

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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	Principal Amount At Acquisition	Principal Amount Outstanding
AC8233	GNMA II	2.875 %	\$ 301,279	\$ 253,936
AC8307	GNMA II	2.875	1,846,536	534,247
AC8402	GNMA II	2.875	173,194	-
AC8519	GNMA II	2.875	810,878	310,739
AD7203	GNMA II	2.875	782,422	336,768
AD7206	GNMA II	2.875	164,941	56,287
AD7308	GNMA II	2.875	624,792	212,961
AD7325	GNMA II	2.875	740,110	407,211
AD7330	GNMA II	2.875	171,991	147,779
AD7414	GNMA II	2.875	1,175,447	611,616
AD7483	GNMA II	2.875	1,515,476	824,665
AD7523	GNMA II	2.875	1,693,438	910,907
AB2189	GNMA II	3.000	309,432	181,166
AC8308	GNMA II	3.000	123,199	-
AD7204	GNMA II	3.000	129,612	111,482
AD7331	GNMA II	3.000	107,285	92,208
AC8232	GNMA II	3.125	120,991	-
AD7205	GNMA II	3.125	110,891	95,505
AC8520	GNMA II	3.250	162,886	-
AD7326	GNMA II	3.250	132,431	114,296

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
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	12,090,945
MBS Participation Interest (49.9991%)			12,855,034	6,045,364

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2013 ABC, continued

13ABC Participation Interest in the following Mortgage-Backed Securities
(50.0749% of the principal payments and none of the interest payments paid
to 13ABC)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AC8372	GNMA II	2.750 %	\$ 190,286	\$ 101,749
AC8518	GNMA II	2.750	845,766	195,237
AD7202	GNMA II	2.750	869,613	304,495
AD7307	GNMA II	2.750	1,250,082	662,553
AD7310	GNMA II	2.750	193,849	108,322
AD7324	GNMA II	2.750	1,244,417	843,235
AD7329	GNMA II	2.750	271,710	236,495
AD7413	GNMA II	2.750	1,437,921	733,271
AD7482	GNMA II	2.750	485,833	151,920
AD7522	GNMA II	2.750	421,289	130,934
AD7550	GNMA II	2.750	410,972	355,957
AC8231	GNMA II	2.875	132,608	115,293
AD7524	GNMA II	2.500	366,796	315,906
AH1961	GNMA II	3.500	7,364,353	3,772,415
Subtotal			15,485,495	8,027,782
MBS Participation Interest (50.0749%)			7,754,346	4,019,904
2013 ABC Total			\$ 41,864,089	\$ 19,797,044

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Mortgage-Backed Securities Purchased with Bond Proceeds
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2014 A

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AF0608	GNMA II	2.50000 %	\$ 9,647,008	\$ 4,699,046
AG5765	GNMA II	2.50000	316,604	151,846
AG5963	GNMA II	2.50000	1,262,580	775,912
AH1875	GNMA II	2.50000	191,709	163,471
AH1963	GNMA II	2.50000	104,423	-
AD7552	GNMA II	2.62500	144,570	-
AE9848	GNMA II	2.62500	295,162	140,351
AF0094	GNMA II	2.62500	1,830,376	1,145,543
AD7484	GNMA II	2.75000	128,043	-
AE9849	GNMA II	2.75000	422,789	253,678
AF0095	GNMA II	2.75000	4,016,907	2,186,543
AB2188	GNMA II	2.87500	187,304	160,586
AC7869	GNMA II	2.87500	110,020	-
AC8522	GNMA II	2.87500	160,866	139,243
AF0096	GNMA II	2.87500	4,793,493	2,562,634
AF0100	GNMA II	2.87500	290,236	101,373
AH2036	GNMA II	3.00000	188,565	165,040
AC8400	GNMA II	3.37500	75,093	66,142
AD7527	GNMA II	3.50000	126,205	-
AH2038	GNMA II	4.00000	7,708,814	3,720,661
AU2989	FNMA	2.50000	235,065	207,815
AR5613	FNMA	2.52500	1,826,086	984,909
AT7533	FNMA	2.52500	294,640	101,252
AT7537	FNMA	2.52500	198,067	168,256
AT6230	FNMA	2.65000	129,631	113,775
AT9859	FNMA	2.65000	314,356	134,255
AU3003	FNMA	2.65000	310,784	122,777
AT9857	FNMA	2.77500	273,807	-

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2014 A, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AU3004	FNMA	2.77500 %	\$ 459,566	\$ 236,715
AT7530	FNMA	2.90000	1,384,135	732,614
AT7536	FNMA	2.90000	208,793	44,300
AU2995	FNMA	3.00000	230,170	-
AU2998	FNMA	3.50000	505,749	289,510
AV8366	FNMA	3.50000	346,325	308,349
AV8369	FNMA	3.50000	169,107	-
AU2999	FNMA	4.00000	3,020,694	1,088,847
AV7824	FNMA	4.00000	1,452,376	772,631
AV8367	FNMA	4.00000	2,573,110	1,471,579
AV9663	FNMA	4.00000	1,665,715	762,565
AU3000	FNMA	4.50000	539,304	77,862
AV8368	FNMA	4.50000	881,800	305,868
AV8371	FNMA	4.50000	509,016	357,098
AV9664	FNMA	4.50000	474,456	333,318
2014 A Total			\$ 50,003,520	\$ 25,046,361

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2014 B

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AE9844	GNMA II	2.50000 %	\$ 77,426	\$ 65,902
AD7526	GNMA II	2.87500	351,259	117,170
AD7553	GNMA II	2.87500	147,810	-
AE9850	GNMA II	2.87500	1,181,296	418,873
AH1962	GNMA II	4.00000	4,733,247	2,439,215
AH2597	GNMA II	4.00000	6,274,669	2,404,371
AT7534	FNMA	2.65000	5,463,918	2,547,755
AT7538	FNMA	2.65000	2,494,989	1,000,976
AU3007	FNMA	2.65000	62,017	-
AT9860	FNMA	2.90000	140,050	123,782
AU2982	FNMA	3.00000	9,469,151	4,904,921
AU3006	FNMA	3.02500	389,185	158,658
AV7823	FNMA	3.50000	64,250	57,787
AW1961	FNMA	4.50000	580,247	294,357
Subtotal			31,429,514	14,533,768

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2014 B, continued

14B Participation Interest in the following Mortgage-Backed Securities
(49.9251% of the principal payments and 100% of the interest payments paid
to 14B)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AD7524	GNMA II	2.500 %	\$ 366,796	\$ 315,906
AH1961	GNMA II	3.500	7,364,353	3,772,415
AC8372	GNMA II	2.750	190,286	101,749
AC8518	GNMA II	2.750	845,766	195,237
AD7202	GNMA II	2.750	869,613	304,495
AD7307	GNMA II	2.750	1,250,082	662,553
AD7310	GNMA II	2.750	193,849	108,322
AD7324	GNMA II	2.750	1,244,417	843,235
AD7329	GNMA II	2.750	271,710	236,495
AD7413	GNMA II	2.750	1,437,921	733,271
AD7482	GNMA II	2.750	485,833	151,920
AD7522	GNMA II	2.750	421,289	130,934
AD7550	GNMA II	2.750	410,972	355,957
AC8231	GNMA II	2.875	132,608	115,293
Subtotal			15,485,495	8,027,782
MBS Participation Interest (49.9251%)			7,731,149	4,007,878

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2014 B, continued

14B Participation Interest in the following Mortgage-Backed Securities
(32.7876% of the principal payments and none of the interest payments paid
to 14B)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AF0093	GNMA II	2.500 %	\$ 224,137	\$ 197,503
AF0097	GNMA II	2.500	121,249	-
AF0098	GNMA II	2.625	742,958	577,830
AF0099	GNMA II	2.750	197,808	111,717
AH1960	GNMA II	3.000	101,458	90,891
AH1964	GNMA II	3.500	640,759	321,614
AH2037	GNMA II	3.500	7,775,339	2,964,447
AH2592	GNMA II	3.500	709,704	388,592
AV7825	FNMA	4.500	201,546	184,546
AI4176	GNMA II	3.500	21,964,999	10,246,627
Subtotal			32,679,957	15,083,767
MBS Participation Interest (32.7876%)			10,714,974	4,945,605
2014 B Total			\$ 49,875,636	\$ 23,487,252

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2014 CDE

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AI4923	GNMA II	3.000 %	\$ 265,792	\$ 98,816
AH2644	GNMA II	3.500	291,681	59,125
AI4077	GNMA II	4.000	611,359	419,056
AI4768	GNMA II	4.000	454,754	-
AI4925	GNMA II	4.000	155,571	141,202
AW3995	FNMA	4.500	138,928	-
Subtotal			1,918,085	718,199

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AI4176	GNMA II	3.500 %	\$ 21,964,999	\$ 10,246,627
AF0093	GNMA II	2.500	224,137	197,503
AF0097	GNMA II	2.500	121,249	-
AF0098	GNMA II	2.625	742,958	577,830
AF0099	GNMA II	2.750	197,808	111,717
AH1960	GNMA II	3.000	101,458	90,891
AH1964	GNMA II	3.500	640,759	321,614
AH2037	GNMA II	3.500	7,775,339	2,964,447
AH2592	GNMA II	3.500	709,704	388,592
AV7825	FNMA	4.500	201,546	184,546
Subtotal			32,679,957	15,083,767
MBS Participation Interest (67.2124%)			21,964,983	10,138,162

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AI4766	GNMA II	3.000 %	\$ 226,721	\$ 204,408
AH2598	GNMA II	3.500	178,836	-
AH2684	GNMA II	3.500	129,781	-
AI4076	GNMA II	3.500	438,494	397,194
AI4125	GNMA II	3.500	133,278	-
AH1965	GNMA II	4.000	621,071	304,468
AH2599	GNMA II	4.000	372,689	104,981
AX8552	FNMA	4.500	115,889	-
AX8124	FNMA	3.500	2,206,586	1,405,330
Subtotal			4,423,344	2,416,382
MBS Participation Interest (50.115%)			2,216,759	1,210,970

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AI4924	GNMA II	3.500 %	\$ 25,651,238	\$ 14,379,824
AX3836	FNMA	3.500	2,224,511	1,120,167
Subtotal			27,875,749	15,499,991
MBS Participation Interest (92.0199%)			25,651,236	14,263,076

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AI4767	GNMA II	3.500 %	\$ 24,803,293	\$ 13,184,463
AM8612	GNMA I	3.000	9,358,396	5,660,144
AM8937	GNMA I	3.000	5,807,044	3,672,331
AM8938	GNMA I	3.000	4,951,378	3,215,733
AM8939	GNMA I	3.000	4,876,401	3,723,062
Subtotal			49,796,511	29,455,734
MBS Participation Interest (49.8093%)			24,803,294	14,671,695
2014 CDE Total			\$ 76,554,357	\$ 41,002,101

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2015 ABCD

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AK6400	GNMA II	3.000 %	\$ 330,846	\$ 100,861
AM8941	GNMA II	3.500	2,915,549	1,165,737
AM8943	GNMA II	3.500	205,216	188,639
AI4179	GNMA II	4.000	242,654	-
AM8942	GNMA II	4.000	39,872	-
AY5082	FNMA	3.500	1,743,318	1,206,467
AY5083	FNMA	3.500	499,627	166,110
AY5085	FNMA	3.500	2,322,111	1,415,661
AZ1657	FNMA	3.500	5,349,068	3,441,693
AZ1658	FNMA	4.000	248,181	69,420
Subtotal			13,896,443	7,754,586

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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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	GNMA I	3.000 %	\$ 9,358,396	\$ 5,660,144
AM8937	GNMA I	3.000	5,807,044	3,672,331
AM8938	GNMA I	3.000	4,951,378	3,215,733
AM8939	GNMA I	3.000	4,876,401	3,723,062
AI4767	GNMA II	3.500	24,803,293	13,184,463
Subtotal			49,796,511	29,455,734
MBS Participation Interest (50.1907%)			24,993,218	14,784,039

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AM8940	GNMA I	3.000 %	\$ 4,520,297	\$ 3,781,118
AM8555	GNMA II	3.500	3,739,824	2,387,647
AM8613	GNMA II	3.500	5,921,770	3,582,408
AZ5831	FNMA	3.500	6,715,036	4,752,201
AO8779	GNMA I	3.500	8,562,123	5,694,403
AY5078	FNMA	3.500	361,049	114,204
BA0621	FNMA	3.500	273,743	108,512
BA0623	FNMA	3.500	1,569,485	984,738
Subtotal			31,663,327	21,405,229
MBS Participation Interest (65.9973%)			20,896,941	14,126,873

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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	Principal Amount At Acquisition	Principal Amount Outstanding
AM8554	GNMA II	3.500 %	\$ 3,794,512	\$ 1,636,886
AM8556	GNMA II	3.500	306,712	282,748
AY5084	FNMA	3.500	362,410	-
AY5086	FNMA	3.500	3,739,337	2,296,200
Subtotal			8,202,970	4,215,833
MBS Participation Interest (49.9968%)			4,101,222	2,107,782
2015 ABCD Total			\$ 63,887,824	\$ 38,773,280

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2015 EFG

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BA0468	FNMA	3.000 %	\$ 175,224	\$ 162,406
AY5095	FNMA	3.500	476,397	-
AZ5833	FNMA	3.500	352,966	210,672
BA0469	FNMA	3.500	5,231,315	3,343,171
BA0470	FNMA	4.000	3,729,896	2,345,043
BA2501	FNMA	4.000	4,118,053	2,830,820
Subtotal			14,083,852	8,892,112

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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	Principal Amount At Acquisition	Principal Amount Outstanding
AO8779	GNMA I	3.500 %	\$ 8,562,123	\$ 5,694,403
AY5078	FNMA	3.500	361,049	114,204
BA0621	FNMA	3.500	273,743	108,512
BA0623	FNMA	3.500	1,569,485	984,738
AM8940	GNMA I	3.000	4,520,297	3,781,118
AM8555	GNMA II	3.500	3,739,824	2,387,647
AM8613	GNMA II	3.500	5,921,770	3,582,408
AZ5831	FNMA	3.500	6,715,036	4,752,201
Subtotal			31,663,327	21,405,229
MBS Participation Interest (34.0027%)			10,766,386	7,278,356

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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	GNMA II	3.500 %	\$ 362,644	\$ 193,505
AO8641	GNMA II	3.500	7,879,767	4,696,424
AI4769	GNMA II	3.500	2,575,665	1,463,635
A08783	GNMA II	3.500	485,760	356,284
AO9369	GNMA I	3.500	5,165,142	3,100,639
Subtotal			16,468,978	9,810,487
MBS Participation Interest (50.0481%)			8,242,411	4,909,963

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BA0624	FNMA	4.000 %	\$ 1,136,701	\$ 868,480
BA0640	FNMA	3.500	848,267	615,286
BA0638	FNMA	4.000	105,339	97,254
BA6223	FNMA	4.000	190,469	178,505
Subtotal			2,280,776	1,759,525
MBS Participation Interest (49.8383%)			1,136,700	876,917

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AO8778	GNMA I	3.500 %	\$ 2,433,041	\$ 1,632,249
Subtotal			2,433,041	1,632,249
MBS Participation Interest (49.9919%)			1,216,323	815,992

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BC4092	FNMA	3.000 %	\$ 296,775	\$ 277,483
BC9423	FNMA	3.000	276,525	259,632
BC4085	FNMA	3.500	1,473,617	994,069
BC4097	FNMA	3.500	2,820,746	2,341,990
Subtotal			4,867,662	3,873,174
MBS Participation Interest (24.996%)			1,216,721	968,138

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through</u> <u>Interest Rate</u>	<u>Principal Amount At</u> <u>Acquisition</u>	<u>Principal Amount</u> <u>Outstanding</u>
AM9028	GNMA I	3.000 %	\$ 1,580,780	\$ 1,093,639
AO8774	GNMA I	3.000	2,049,815	1,073,271
AM8976	GNMA II	3.500	486,464	270,605
AM9030	GNMA II	3.500	459,995	281,421
AO8775	GNMA II	3.500	4,172,145	2,832,369
AO8776	GNMA II	3.500	4,878,678	3,520,931
AO8777	GNMA II	3.500	4,710,655	3,217,638
AO8780	GNMA I	3.500	5,472,547	3,469,248
AO8781	GNMA I	3.500	10,554,848	7,771,840
AR0752	GNMA II	3.500	7,079,482	5,175,771
AR0753	GNMA II	3.500	7,442,958	5,177,430
BC4088	FNMA	3.500	2,244,234	1,657,676
BC4086	FNMA	4.000	466,950	441,069
Subtotal			51,599,551	35,982,906
MBS Participation Interest (66.6012%)			34,365,920	23,965,047

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



2015 EFG, continued

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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BA2500	FNMA	3.500 %	\$ 2,212,034	\$ 1,714,962
BA0622	FNMA	4.000	375,062	163,454
Subtotal			2,587,096	1,878,416
MBS Participation Interest (50.0166%)			1,293,977	939,520

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AT7604	GNMA I	3.000 %	\$ 6,702,989	\$ 5,010,243
BD2362	FNMA	3.000	220,994	208,139
BD5918	FNMA	3.500	265,962	252,632
BC4100	FNMA	4.000	199,298	188,104
Subtotal			7,389,244	5,659,118
MBS Participation Interest (17.5%)			1,293,118	990,346
2015 EFG Total			\$ 73,615,407	\$ 49,636,392

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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2016 ABC

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BC4087	FNMA	3.500 %	\$ 148,237	\$ 140,303
BC6964	FNMA	3.500	6,593,541	5,208,181
BC4091	FNMA	4.000	110,858	103,281
Subtotal			6,852,636	5,451,765

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AR0752	GNMA II	3.500 %	\$ 7,079,482	\$ 5,175,771
AR0753	GNMA II	3.500	7,442,958	5,177,430
BC4088	FNMA	3.500	2,244,234	1,657,676
BC4086	FNMA	4.000	466,950	441,069
AM9028	GNMA I	3.000	1,580,780	1,093,639
AO8774	GNMA I	3.000	2,049,815	1,073,271
AM8976	GNMA II	3.500	486,464	270,605
AM9030	GNMA II	3.500	459,995	281,421
AO8775	GNMA II	3.500	4,172,145	2,832,369
AO8776	GNMA II	3.500	4,878,678	3,520,931
AO8777	GNMA II	3.500	4,710,655	3,217,638
AO8780	GNMA I	3.500	5,472,547	3,469,248
AO8781	GNMA I	3.500	10,554,848	7,771,840
Subtotal			51,599,551	35,982,906
MBS Participation Interest (33.3988%)			17,233,626	12,017,855

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>		<u>Principal Amount At Acquisition</u>		<u>Principal Amount Outstanding</u>
AR0746	GNMA I	3.000	%	\$ 3,272,028	\$	2,312,874
BC5191	FNMA	3.500		2,048,514		1,472,614
BC5179	FNMA	4.000		323,883		306,700
Subtotal				5,644,425		4,092,188
MBS Participation Interest (50.0010%)				2,822,269		2,046,135

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through</u> <u>Interest Rate</u>	<u>Principal Amount At</u> <u>Acquisition</u>	<u>Principal Amount</u> <u>Outstanding</u>
BD5921	FNMA	3.000 %	\$ 935,394	\$ 885,936
BD7768	FNMA	3.000	3,350,804	3,081,807
BC4099	FNMA	3.500	3,002,514	2,248,728
BC5180	FNMA	3.500	137,186	129,801
BC9426	FNMA	3.500	182,077	172,064
BD5216	FNMA	3.500	3,670,214	3,459,088
BD7770	FNMA	3.500	3,826,556	2,856,315
BD2361	FNMA	4.000	1,021,873	966,215
Subtotal			16,126,618	13,799,954
MBS Participation Interest (17.5%)			2,822,158	2,414,992

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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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	Principal Amount At Acquisition	Principal Amount Outstanding
AT8143	GNMA I	3.000 %	\$ 5,334,500	\$ 4,130,605
B32197	FHLMC	3.000	282,833	266,720
BE0291	FNMA	3.000	5,134,247	4,023,076
BD5924	FNMA	3.500	363,030	186,559
Subtotal			11,114,610	8,606,960
MBS Participation Interest (20.055%)			2,229,035	1,726,126

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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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	Principal Amount At Acquisition	Principal Amount Outstanding
AR0748	GNMA II	3.000 %	\$ 3,630,340	\$ 2,832,377
BC6965	FNMA	4.000	826,966	376,226
Subtotal			4,457,306	3,208,602
MBS Participation Interest (49.9914%)			2,228,270	1,604,025

Residential Housing Finance Bond Resolution
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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	Principal Amount At Acquisition	Principal Amount Outstanding
AR0747	GNMA I	3.000 %	\$ 3,877,322	\$ 3,163,719
AR0749	GNMA II	3.000	3,953,558	3,649,706
AR0650	GNMA II	3.500	4,534,923	3,789,895
AR0651	GNMA II	3.500	4,522,700	3,391,332
AR0652	GNMA I	3.500	1,242,123	816,894
AR0750	GNMA II	3.500	6,913,842	4,114,630
AR0751	GNMA II	3.500	6,741,319	5,086,608
AX5784	GNMA II	2.500	259,963.00	244,710
AT8392	GNMA II	3.000	14,213,412	11,359,455
AT8393	GNMA I	3.000	12,562,961	10,626,307
AT8285	GNMA II	3.500	137,602	130,178
BD5933	FNMA	3.500	1,759,859	1,668,396
BE1718	FNMA	3.500	2,575,271	2,147,310
BA0636	FNMA	4.000	274,452	-
Subtotal			63,569,307	50,189,139
MBS Participation Interest (50.0018%)			31,785,798	25,095,473

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AR0649	GNMA II	3.500 %	\$ 4,640,734	\$ 3,613,740
AR0754	GNMA I	3.500	1,654,732	1,174,690
BC4089	FNMA	4.000	1,338,492	1,184,125
Subtotal			7,633,958	5,972,555
MBS Participation Interest (50.005%)			3,817,361	2,986,576

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX5910	GNMA I	3.000 %	\$ 7,603,441	\$ 6,073,639
BD5941	FNMA	3.000	1,656,405	1,575,991
BE6508	FNMA	3.000	8,329,390	7,340,254
BE6509	FNMA	3.500	4,266,225	3,310,946
BA0626	FNMA	4.000	195,342	-
Subtotal			22,050,803	18,300,830
MBS Participation Interest (17.3082%)			3,816,597	3,167,544
2016 ABC Total			\$ 73,607,749	\$ 56,510,492

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2016 DEF

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
AT8282	GNMA II	2.500 %	\$ 468,571	\$ 439,792
AT8391	GNMA II	2.500	496,079	269,047
AT7716	GNMA I	3.000	1,623,547	1,417,813
AX5785	GNMA II	3.000	4,466,933	3,216,187
AT8394	GNMA II	3.500	159,514	128,854
B32215	FHLMC	3.000	939,625	780,737
B32217	FHLMC	3.000	410,812	389,000
B32218	FHLMC	3.500	296,567	166,603
BD5932	FNMA	3.000	1,379,466	990,587
BE1717	FNMA	3.000	5,428,580	5,072,417
BE4461	FNMA	3.000	4,411,237	3,750,128
BA0630	FNMA	3.500	451,951	430,615
BA0633	FNMA	3.500	1,483,230	947,756
BD5219	FNMA	3.500	914,423	595,681
BA0634	FNMA	4.000	1,796,880	1,171,100
Subtotal			24,727,415	19,766,317

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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 At Acquisition	Principal Amount Outstanding
AX5784	GNMA II	2.500 %	\$ 259,963	\$ 244,710
AT8392	GNMA II	3.000	14,213,412	11,359,455
AT8393	GNMA I	3.000	12,562,961	10,626,307
AT8285	GNMA II	3.500	137,602	130,178
BD5933	FNMA	3.500	1,759,859	1,668,396
BE1718	FNMA	3.500	2,575,271	2,147,310
BA0636	FNMA	4.000	274,452	-
AR0747	GNMA I	3.000	3,877,322	3,163,719
AR0749	GNMA II	3.000	3,953,558	3,649,706
AR0650	GNMA II	3.500	4,534,923	3,789,895
AR0651	GNMA II	3.500	4,522,700	3,391,332
AR0652	GNMA I	3.500	1,242,123	816,894
AR0750	GNMA II	3.500	6,913,842	4,114,630
AR0751	GNMA II	3.500	6,741,319	5,086,608
Subtotal			63,569,307	50,189,139
MBS Participation Interest (49.9982%)			31,783,509	25,093,666

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BE4463	FNMA	3.500 %	\$ 3,392,549	\$ 2,555,105
Subtotal			3,392,549	2,555,105
MBS Participation Interest (50.005%)			1,696,444	1,277,680

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX5910	GNMA I	3.000 %	\$ 7,603,441	\$ 6,073,639
BD5941	FNMA	3.000	1,656,405	1,575,991
BE6508	FNMA	3.000	8,329,390	7,340,254
BE6509	FNMA	3.500	4,266,225	3,310,946
BA0626	FNMA	4.000	195,342	-
Subtotal			22,050,803	18,300,830
MBS Participation Interest (7.6918%)			1,696,104	1,407,663

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AT8283	GNMA II	3.000 %	\$ 9,887,532	\$ 8,661,885
B32216	FHLMC	3.500	458,940	431,824
Subtotal			10,346,472	9,093,709
MBS Participation Interest (50%)			5,173,236	4,546,855

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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
AX5908	GNMA II	2.500 %	\$ 122,023	\$ 115,335
AT8149	GNMA II	3.000	322,685	305,854
AX5793	GNMA II	3.000	465,572	307,747
AX5986	GNMA I	3.000	3,732,410	3,384,994
AO9501	GNMA II	3.500	448,599	425,947
AT7498	GNMA II	3.500	92,943	88,297
AX5915	GNMA II	3.500	520,800	496,522
AX5989	GNMA II	3.500	4,873,647	4,274,289
AX5990	GNMA II	4.000	1,364,441	1,131,172
B32222	FHLMC	4.000	113,706	109,013
BE4720	FNMA	3.000	649,691	507,639
BE6512	FNMA	3.000	395,064	376,459
BE7856	FNMA	3.000	958,379	908,515
BE7857	FNMA	3.500	6,632,991	5,765,098
Subtotal			20,692,948	18,196,881
MBS Participation Interest (25.0%)			5,173,237	4,549,220

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX5789	GNMA I	3.000 %	\$ 5,041,826	\$ 4,066,467
Subtotal			<u>5,041,826</u>	<u>4,066,467</u>
MBS Participation Interest (50.0%)			2,520,913	2,033,234

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX5794	GNMA II	3.000 %	\$ 655,497	\$ 492,941
AX6116	GNMA II	3.000	1,707,090	1,271,177
AX6120	GNMA II	3.000	112,066	106,752
AX6206	GNMA II	3.000	212,943	202,711
AO9439	GNMA II	3.500	529,841	332,300
AX6119	GNMA II	4.000	892,247	615,302
AX6124	GNMA II	4.000	196,802	188,755
BE6511	FNMA	3.000	324,596	305,521
BH0318	FNMA	3.500	1,335,630	1,176,049
BE4726	FNMA	4.000	1,382,950	1,161,816
BE9284	FNMA	4.000	175,450	-
Subtotal			7,525,112	5,853,325
MBS Participation Interest (33.5%)			2,520,912	1,960,864

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through</u> <u>Interest Rate</u>	<u>Principal Amount At</u> <u>Acquisition</u>	<u>Principal Amount</u> <u>Outstanding</u>
BE4462	FNMA	3.000 %	\$ 6,198,005	\$ 5,769,103
BD5937	FNMA	3.500	2,044,924	1,652,171
AX5786	GNMA II	3.000	4,961,391	4,190,932
AX5787	GNMA II	3.000	4,961,764	3,969,345
AX5788	GNMA I	3.000	6,156,959	4,593,385
BE4732	FNMA	3.000	98,583	94,567
BH2912	FNMA	4.000	2,974,665	2,874,348
AT8286	GNMA II	3.000	457,633	433,718
AX6515	GNMA II	3.500	5,492,465	4,414,665
AX6516	GNMA II	4.000	3,139,100	2,344,934
Subtotal			36,485,488	30,337,168
MBS Participation Interest (66.665%)			24,323,051	20,224,273
2016 DEF Total			\$ 99,614,822	\$ 80,859,773

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2017 ABC

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BD7772	FNMA	3.000 %	\$ 196,706	\$ 188,440
BE0294	FNMA	3.000	179,604	172,071
BE4734	FNMA	3.000	148,729	142,942
BE7859	FNMA	3.000	468,577	445,151
BH2729	FNMA	3.000	383,724	366,646
BH4648	FNMA	3.000	126,200	-
BC4095	FNMA	3.500	438,704	405,957
BD5939	FNMA	3.500	159,402	153,225
BE0295	FNMA	3.500	119,348	114,453
BE4733	FNMA	3.500	328,824	316,839
BE4735	FNMA	3.500	537,739	519,238
BH2730	FNMA	3.500	1,254,329	1,022,120
BH4649	FNMA	3.500	1,004,240	959,531
BH2737	FNMA	4.000	456,858	289,100
BH2734	FNMA	4.500	174,246	168,218
BH4654	FNMA	4.500	516,158	499,077
AT8152	GNMA II	3.000	270,196	257,674
AX5912	GNMA II	3.000	682,872	650,566
AR0758	GNMA II	3.500	638,048	608,027
AR0759	GNMA II	3.500	584,144	558,918
AT7611	GNMA II	3.500	152,881	146,138
AX5916	GNMA II	3.500	376,517	327,307
AX5993	GNMA II	3.500	468,901	448,200
AX6123	GNMA II	3.500	526,494	120,836
AX6518	GNMA II	3.500	640,271	614,364
Subtotal			10,833,711	9,495,035

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BE4732	FNMA	3.000	% \$ 98,583	\$ 94,567
BH2912	FNMA	4.000	2,974,665	2,874,348
AT8286	GNMA II	3.000	457,633	433,718
AX6515	GNMA II	3.500	5,492,465	4,414,665
AX6516	GNMA II	4.000	3,139,100	2,344,934
BE4462	FNMA	3.000	6,198,005	5,769,103
BD5937	FNMA	3.500	2,044,924	1,652,171
AX5786	GNMA II	3.000	4,961,391	4,190,932
AX5787	GNMA II	3.000	4,961,764	3,969,345
AX5788	GNMA I	3.000	6,156,959	4,593,385
Subtotal			<u>36,485,488</u>	<u>30,337,168</u>
MBS Participation Interest (33.335%)			12,162,438	10,112,895

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BH2914	FNMA	4.000 %	\$ 2,290,805	\$ 1,903,519
Subtotal			<u>2,290,805</u>	<u>1,903,519</u>
MBS Participation Interest (50.0%)			1,145,402	951,760

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BH6206	FNMA	3.500 %	\$ 213,059	\$ 204,947
BJ1725	FNMA	4.000	1,937,075	1,704,138
AX6604	GNMA II	3.500	494,913	478,215
BB3327	GNMA I	3.500	307,537	296,969
AX6520	GNMA II	4.000	150,638	-
AX6606	GNMA II	4.000	296,337	285,867
BB3326	GNMA II	4.000	249,619	241,569
BB3453	GNMA II	4.000	168,827	163,214
Subtotal			3,818,006	3,374,919
MBS Participation Interest (30.0%)			1,145,402	1,012,476

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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 Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
Q48789	FHLMC	4.000 %	\$ 1,206,720	\$ 791,999
BH2735	FNMA	3.500	162,620	157,654
BH2910	FNMA	3.500	1,192,918	1,157,780
BE4736	FNMA	4.000	1,280,154	1,071,517
BH2731	FNMA	4.000	2,206,844	1,836,083
BH2732	FNMA	4.000	1,747,479	1,695,360
BH2733	FNMA	4.000	2,772,975	2,668,226
BH4650	FNMA	4.000	1,113,794	978,145
BH4651	FNMA	4.000	2,228,404	2,016,303
BH4652	FNMA	4.000	2,104,727	1,987,717
BH4653	FNMA	4.000	2,290,937	1,880,745
AX6514	GNMA I	3.500	6,265,164	5,013,790
AX6602	GNMA I	3.500	8,203,751	6,557,815
AX6513	GNMA II	4.000	2,562,616	2,130,176
B32270	FHLMC	3.500	786,874	616,502
BJ2867	FNMA	3.500	5,875,027	5,331,306
BJ5391	FNMA	3.500	4,028,730	3,529,812
BJ2871	FNMA	4.000	2,285,270	2,213,377
BJ5218	FNMA	4.000	163,639	158,910
BJ5393	FNMA	4.000	2,890,359	2,438,706
BJ5395	FNMA	4.000	3,265,054	3,170,149

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX6212	GNMA II	3.500 %	\$ 585,625	\$ 566,733
BB3794	GNMA II	3.500	3,071,434	2,589,168
BB3795	GNMA II	3.500	5,412,470	4,579,122
BB3796	GNMA II	3.500	4,094,272	3,413,950
BB3798	GNMA II	3.500	2,880,351	2,576,491
Subtotal			70,678,208	61,127,536
MBS Participation Interest (50.000%)			35,339,104	30,563,768
2017 ABC Total			\$ 60,626,057	\$ 52,135,934

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2017 DEF					
<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through</u>	<u>Interest Rate</u>	<u>Principal Amount At</u>	<u>Principal Amount</u>
				<u>Acquisition</u>	<u>Outstanding</u>
B32253	FHLMC	3.500	% \$	164,103	\$ 159,069
B32261	FHLMC	3.500		375,301	364,132
BJ0401	FNMA	3.500		548,771	533,456
BJ5388	FNMA	3.500		1,098,490	1,018,564
BB3874	GNMA II	3.500		5,030,356	4,600,239
BB3875	GNMA II	3.500		4,783,103	4,125,126
BB3876	GNMA II	3.500		5,004,487	4,248,570
BB3877	GNMA II	3.500		4,889,444	3,981,478
BB3878	GNMA II	3.500		4,983,334	4,816,864
BB3880	GNMA II	3.500		5,393,045	4,629,782
BB3879	GNMA II	3.500		4,962,312	4,328,833
Subtotal				37,232,746	32,806,113

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32270	FHLMC	3.500 %	\$ 786,874	\$ 616,502
BJ2867	FNMA	3.500	5,875,027	5,331,306
BJ5391	FNMA	3.500	4,028,730	3,529,812
BJ2871	FNMA	4.000	2,285,270	2,213,377
BJ5218	FNMA	4.000	163,639	158,910
BJ5393	FNMA	4.000	2,890,359	2,438,706
BJ5395	FNMA	4.000	3,265,054	3,170,149
AX6212	GNMA II	3.500	585,625	566,733
BB3794	GNMA II	3.500	3,071,434	2,589,168
BB3795	GNMA II	3.500	5,412,470	4,579,122
BB3796	GNMA II	3.500	4,094,272	3,413,950
BB3798	GNMA II	3.500	2,880,351	2,576,491
Q48789	FHLMC	4.000	1,206,720	791,999
BH2735	FNMA	3.500	162,620	157,654
BH2910	FNMA	3.500	1,192,918	1,157,780
BE4736	FNMA	4.000	1,280,154	1,071,517
BH2731	FNMA	4.000	2,206,844	1,836,083
BH2732	FNMA	4.000	1,747,479	1,695,360
BH2733	FNMA	4.000	2,772,975	2,668,226
BH4650	FNMA	4.000	1,113,794	978,145
BH4651	FNMA	4.000	2,228,404	2,016,303
BH4652	FNMA	4.000	2,104,727	1,987,717
BH4653	FNMA	4.000	2,290,937	1,880,745

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
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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

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
AX6514	GNMA I	3.500 %	\$ 6,265,164	\$ 5,013,790
AX6602	GNMA I	3.500	8,203,751	6,557,815
AX6513	GNMA II	4.000	2,562,616	2,130,176
Subtotal			70,678,208	61,127,536
MBS Participation Interest (50.000%)			35,339,104	30,563,768

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BB4116	GNMA II	3.500 %	\$ 4,179,316	\$ 3,803,724
BB4114	GNMA I	3.500	4,430,199	4,138,640
BB4115	GNMA I	3.500	1,285,872	1,249,003
B32294	FHLMC	3.500	889,653	803,455
B32295	FHLMC	4.000	72,364	70,449
BH8427	FNMA	3.500	610,540	588,005
BJ5221	FNMA	3.500	1,988,298	1,938,500
BJ5399	FNMA	3.500	456,440	443,846
BJ8207	FNMA	3.500	1,044,791	1,013,930
BK0989	FNMA	3.500	3,778,347	3,562,805
BK0990	FNMA	3.500	2,084,193	2,026,144
BK0991	FNMA	3.500	3,567,149	3,274,258
Subtotal			24,387,161	22,912,760
MBS Participation Interest (25.0%)			6,096,790	5,728,190

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BJ0412	FNMA	3.500 %	\$ 2,101,228	\$ 1,851,996
BJ2869	FNMA	3.500	2,726,869	2,292,551
BJ2873	FNMA	4.000	2,391,919	1,799,363
BJ5214	FNMA	3.500	1,105,052	875,519
BB3797	GNMA II	3.500	3,868,517	3,489,693
Subtotal			12,193,585	10,309,122
MBS Participation Interest (50.000%)			6,096,793	5,154,561

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32303	FHLMC	4.000 %	\$ 460,421	\$ 448,460
BH8343	FNMA	4.000	534,213	521,253
BJ5401	FNMA	4.000	150,788	-
BF2379	GNMA II	3.500	3,368,038	2,909,090
BF2380	GNMA II	4.000	2,882,352	2,515,698
BF2172	GNMA I	3.500	2,167,549	2,111,182
BF2377	GNMA I	3.500	1,338,753	1,296,034
Subtotal			10,902,114	9,801,717
MBS Participation Interest (30.000%)			3,270,634	2,940,515

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through</u> <u>Interest Rate</u>	<u>Principal Amount At</u> <u>Acquisition</u>	<u>Principal Amount</u> <u>Outstanding</u>
BJ0414	FNMA	3.500 %	\$ 2,277,814	\$ 2,212,001
BJ5216	FNMA	3.500	2,318,723	2,057,509
BJ5389	FNMA	3.500	1,982,976	1,900,903
Subtotal			6,579,513	6,170,413
MBS Participation Interest (50.000%)			3,289,756	3,085,206

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BJ0410	FNMA	3.500 %	\$ 550,689	\$ 539,714
BK3342	FNMA	4.000	308,085	302,527
BK1671	FNMA	4.000	291,810	68,520
BK3337	FNMA	4.000	1,305,698	1,281,818
BK3338	FNMA	4.000	2,205,603	2,164,151
BK3339	FNMA	4.000	1,055,529	808,795
BK4075	FNMA	4.000	1,272,248	1,098,757
BK4077	FNMA	4.000	1,089,471	1,068,307
BK5110	FNMA	4.000	2,136,660	2,093,153
BK6996	FNMA	4.000	1,260,717	1,235,682
BK6997	FNMA	4.000	2,301,801	2,253,392
BK7000	FNMA	4.500	2,319,415	2,274,674
BK7001	FNMA	4.500	2,408,804	2,364,901
B32321	FHLMC	4.000	154,310	151,284
B32316	FHLMC	4.000	597,634	585,711
Q56821	FHLMC	4.500	1,257,783	868,122
BB3331	GNMA II	3.500	535,471	523,001
BB3803	GNMA II	3.500	625,020	415,905
BB4033	GNMA II	3.500	304,304	296,379
BB4119	GNMA II	3.500	575,626	562,815

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BF2384	GNMA II	3.500 %	\$ 547,416	\$ 308,819
BF2612	GNMA II	3.500	162,282	157,862
BF2614	GNMA II	4.000	4,711,173	4,603,086
BF2621	GNMA II	4.000	561,626	550,381
BF2491	GNMA II	4.500	2,569,139	2,159,995
BF2616	GNMA II	4.500	2,348,038	2,143,304
BF2618	GNMA II	4.500	2,087,298	2,045,218
Subtotal			35,543,650	32,926,274
MBS Participation Interest (40.000%)			14,217,460	13,170,510

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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
BJ0413	FNMA	3.500 %	\$ 1,668,585	\$ 1,620,050
BJ0415	FNMA	3.500	1,364,693	1,327,018
BJ2868	FNMA	3.500	2,138,695	1,742,330
BJ2870	FNMA	3.500	1,241,724	1,203,671
BJ2874	FNMA	4.000	1,172,230	1,138,748
BJ5215	FNMA	3.500	1,139,105	946,215
BJ5217	FNMA	3.500	1,195,322	1,162,303
BJ5390	FNMA	3.500	2,607,621	2,526,747
BJ5392	FNMA	3.500	1,378,345	1,336,092
BJ5394	FNMA	4.000	1,943,975	1,887,048
BB3791	GNMA I	3.500	3,586,872	3,187,923
BB3792	GNMA I	3.500	4,373,543	4,227,669
BB3793	GNMA I	3.500	4,874,109	4,019,248
Subtotal			28,684,820	26,325,062
MBS Participation Interest (50.000%)			14,342,410	13,162,531
2017 DEF Total			\$ 119,885,693	\$ 106,611,394

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2018 ABCD

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32314	FHLMC	3.500 %	\$ 163,459	\$ 159,967
B32315	FHLMC	4.500	142,087	139,071
B32320	FHLMC	4.000	116,088	113,862
B32322	FHLMC	4.500	248,252	148,267
B32328	FHLMC	4.000	554,503	427,557
BE4728	FNMA	4.000	369,322	159,336
BJ0400	FNMA	3.500	459,057	303,846
BJ0402	FNMA	3.500	434,785	224,181
BJ2876	FNMA	3.500	339,985	332,614
BJ8219	FNMA	4.000	448,968	439,570
BK0996	FNMA	3.500	446,957	437,250
BK0997	FNMA	3.500	525,586	513,567
BK0998	FNMA	3.500	699,765	508,455
BK1670	FNMA	3.500	413,986	402,828
BK3333	FNMA	3.500	895,167	877,258
BK3335	FNMA	3.500	1,020,628	1,000,573
BK3336	FNMA	4.000	1,034,111	1,014,334
BK3340	FNMA	4.500	355,128	349,018
BK3341	FNMA	3.500	207,161	203,032
BK4073	FNMA	3.500	480,683	469,786
BK4074	FNMA	4.000	2,014,715	1,699,920
BK4076	FNMA	4.000	1,974,594	1,934,473
BK4078	FNMA	4.500	1,394,390	1,367,403
BK4079	FNMA	4.500	2,074,399	1,787,705
BK5108	FNMA	4.000	1,855,353	1,661,272
BK5109	FNMA	4.000	1,313,057	967,927

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2018 ABCD, continued

Pool Number	Pool Type	Pass-Through		Principal Amount At		Principal Amount	
		Interest Rate		Acquisition		Outstanding	
BK5111	FNMA	4.000	%	\$	665,874	\$	653,028
BK5112	FNMA	4.500			2,664,598		2,429,003
BK5113	FNMA	4.500			3,026,982		2,797,818
BK5114	FNMA	4.500			1,010,895		992,104
BK5117	FNMA	4.500			120,772		118,501
BK6998	FNMA	4.000			824,373		808,244
BK6999	FNMA	4.500			2,960,454		2,773,782
BK7002	FNMA	4.500			1,564,581		1,535,649
AX6211	GNMA II	3.500			443,193		432,554
BB3332	GNMA II	4.000			324,852		178,646
BB3459	GNMA II	3.500			527,574		508,916
BB3594	GNMA II	3.500			472,914		345,872
BB3595	GNMA II	3.500			395,486		386,133
BB3690	GNMA II	3.500			471,395		460,265
BB3800	GNMA II	3.500			361,608		217,989
BB4034	GNMA II	3.500			461,262		266,330
BB4035	GNMA II	3.500			550,625		537,758
BB4120	GNMA II	3.500			427,259		318,398
BB4121	GNMA II	3.500			514,224		502,614
BB4122	GNMA II	3.500			404,126		394,930
BF2178	GNMA II	3.500			437,746		329,973
BF2179	GNMA II	3.500			492,962		481,447
BF2182	GNMA II	3.500			175,760		171,962
BF2487	GNMA II	3.500			1,599,788		1,414,301
BF2490	GNMA II	4.000			1,726,633		1,478,152

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2018 ABCD, continued

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through</u> <u>Interest Rate</u>	<u>Principal Amount At</u> <u>Acquisition</u>	<u>Principal Amount</u> <u>Outstanding</u>
BF2495	GNMA II	4.500 %	\$ 195,365	\$ 191,575
BF2933	GNMA II	3.500	102,949	100,661
BF2938	GNMA II	4.500	3,553,501	3,028,510
BF2170	GNMA I	3.500	3,185,013	3,112,586
Subtotal			49,644,950	44,610,772

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32316	FHLMC	4.000 %	\$ 597,634	\$ 585,711
B32321	FHLMC	4.000	154,310	151,284
Q56821	FHLMC	4.500	1,257,783	868,122
BJ0410	FNMA	3.500	550,689	539,714
BK1671	FNMA	4.000	291,810	68,520
BK3337	FNMA	4.000	1,305,698	1,281,818
BK3338	FNMA	4.000	2,205,603	2,164,151
BK3339	FNMA	4.000	1,055,529	808,795
BK3342	FNMA	4.000	308,085	302,527
BK4075	FNMA	4.000	1,272,248	1,098,757
BK4077	FNMA	4.000	1,089,471	1,068,307
BK5110	FNMA	4.000	2,136,660	2,093,153
BK6996	FNMA	4.000	1,260,717	1,235,682
BK6997	FNMA	4.000	2,301,801	2,253,392
BK7000	FNMA	4.500	2,319,415	2,274,674
BK7001	FNMA	4.500	2,408,804	2,364,901
BB3331	GNMA II	3.500	535,471	523,001
BB3803	GNMA II	3.500	625,020	415,905
BB4033	GNMA II	3.500	304,304	296,379
BB4119	GNMA II	3.500	575,626	562,815
BF2384	GNMA II	3.500	547,416	308,819
BF2491	GNMA II	4.500	2,569,139	2,159,995
BF2612	GNMA II	3.500	162,282	157,862

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BF2616	GNMA II	4.500 %	\$ 2,348,038	\$ 2,143,304
BF2618	GNMA II	4.500	2,087,298	2,045,218
BF2614	GNMA II	4.000	4,711,173	4,603,086
BF2621	GNMA II	4.000	561,626	550,381
Subtotal			35,543,650	32,926,274
MBS Participation Interest (60.000%)			21,326,190	19,755,764

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BJ0413	FNMA	3.500 %	\$ 1,654,698	\$ 1,620,050
BJ0415	FNMA	3.500	1,354,162	1,327,018
BJ2868	FNMA	3.500	2,119,623	1,742,330
BJ2870	FNMA	3.500	1,231,254	1,203,671
BJ2874	FNMA	4.000	1,162,942	1,138,748
BJ5215	FNMA	3.500	1,129,624	946,215
BJ5217	FNMA	3.500	1,186,168	1,162,303
BJ5390	FNMA	3.500	2,584,435	2,526,747
BJ5392	FNMA	3.500	1,366,560	1,336,092
BJ5394	FNMA	4.000	1,927,501	1,887,048
BB3791	GNMA I	3.500	3,554,670	3,187,923
BB3792	GNMA I	3.500	4,333,087	4,227,669
BB3793	GNMA I	3.500	4,830,196	4,019,248
Subtotal			28,434,918	26,325,062
MBS Participation Interest (50.000%)			14,217,459	13,162,531

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BK8043	FNMA	5.000 %	\$ 420,043	\$ 180,179
BK8048	FNMA	5.000	154,823	152,479
BK8980	FNMA	4.500	1,466,705	1,445,349
BF2622	GNMA II	4.000	452,287	444,039
BF2624	GNMA II	4.500	534,479	525,549
BF2939	GNMA II	4.000	491,314	482,594
BF3050	GNMA II	4.500	1,341,407	1,192,981
Subtotal			4,861,057	4,423,168
MBS Participation Interest (23.8%)			1,156,932	1,052,714

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BF2488	GNMA II	4.000 %	\$ 2,892,334	\$ 2,726,229
Subtotal			2,892,334	2,726,229
MBS Participation Interest (60.000%)			1,735,400	1,635,737

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32327	FHLMC	4.500 %	\$ 221,504	\$ 218,364
B32350	FHLMC	5.000	336,447	332,176
B32362	FHLMC	5.000	203,253	200,720
BK8971	FNMA	4.500	420,812	414,484
BK8972	FNMA	4.500	527,447	520,096
BK9342	FNMA	4.500	507,214	500,648
BN0265	FNMA	5.000	930,657	918,901
Subtotal			3,147,332	3,105,389
MBS Participation Interest (24.9962%)			786,713	776,229

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass-Through Interest Rate</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BF2613	GNMA II	4.000 %	\$ 1,966,784	\$ 1,800,953
Subtotal			1,966,784	1,800,953
MBS Participation Interest (60.000%)			1,180,070	1,080,572

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BB3882	GNMA	3.500 %	\$ 2,433,820	\$ 2,118,345
BF3126	GNMA II	4.000	1,969,609	1,945,644
BI5933	GNMA II	4.000	5,053,923	4,992,093
BI6182	GNMA II	4.000	3,449,985	3,271,820
BI6183	GNMA II	4.000	3,382,053	3,341,669
BI6070	GNMA II	4.500	5,213,371	4,939,491
BI6184	GNMA II	4.500	3,474,491	3,323,724
BI6185	GNMA II	4.500	4,381,919	4,330,337
BI6186	GNMA II	4.500	5,013,250	4,954,125
Subtotal			34,372,422	33,217,247
MBS Participation Interest (39.9976%)			13,748,144	13,286,102

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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 to 18ABCD)

Pool Number	Pool Type	Pass-Through Interest	Interest Participation	Principal Amount At Acquisition	Principal Amount Outstanding
BF2177	GNMA	3.500 %	29.5335 %	\$ 1,004,344	\$ 989,726
BF2171	GNMA	3.500	29.5335	1,788,664	1,762,074
BF2378	GNMA	3.500	29.5335	4,114,255	3,861,848
BF2493	GNMA II	4.000	25.5425	616,883	609,320
BF2615	GNMA II	4.000	25.5425	3,662,418	3,173,077
BF2934	GNMA II	4.000	25.5425	4,891,882	4,429,198
BF2935	GNMA II	4.000	25.5425	6,042,297	5,186,086
BF2617	GNMA II	4.500	24.2974	3,369,519	2,453,761
BF2936	GNMA II	4.500	24.2227	4,492,876	4,064,467
BF2937	GNMA II	4.500	24.5703	4,387,315	3,938,759
Subtotal				34,370,453	30,468,315
MBS Participation Interest (60.000%)				20,622,272	18,280,989
2018 ABCD Total				\$ 124,418,130	\$ 113,641,410

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2018 EFGH

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BJ1726	FNMA	3.500 %	\$ 315,572	\$ 311,305
BJ5397	FNMA	3.500	433,588	424,393
BJ5398	FNMA	3.500	445,687	439,472
BJ8217	FNMA	3.500	506,477	487,298
BJ5233	FNMA	3.500	149,889	148,090
BK4081	FNMA	4.000	256,835	106,877
BK4080	FNMA	4.000	381,469	376,710
BK7003	FNMA	4.000	505,809	499,349
BK8963	FNMA	4.000	4,291,720	4,243,049
BK8037	FNMA	4.000	1,000,675	988,575
BK9990	FNMA	4.000	149,776	148,184
BK9992	FNMA	4.000	154,145	152,508
BN0259	FNMA	4.000	245,655	242,803
BK8044	FNMA	4.500	457,447	452,256
BK7005	FNMA	4.500	204,837	202,469
BK8046	FNMA	4.500	565,390	559,037
BK9339	FNMA	4.500	437,996	433,033
BK9341	FNMA	4.500	502,441	496,987
BK9994	FNMA	4.500	1,646,268	1,627,401
BK9997	FNMA	4.500	127,747	126,466
BN0264	FNMA	4.500	5,484,630	5,422,960
Q58620	FHLMC	4.500	1,178,359	1,163,350
Q58602	FHLMC	4.500	1,111,370	1,099,036
Q58603	FHLMC	4.500	1,063,623	1,051,807
BN0268	FNMA	4.500	398,255	394,060
BN0269	FNMA	4.500	347,438	343,781

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2018 EFGH, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BK9999	FNMA	4.500 %	\$ 1,381,013	\$ 1,367,203
BN0000	FNMA	4.500	1,953,327	1,931,767
BN0001	FNMA	4.500	4,323,173	4,278,347
BN1399	FNMA	4.500	1,484,027	1,467,170
BN1817	FNMA	4.500	3,769,726	3,343,762
BN1818	FNMA	4.500	3,545,557	3,356,533
BN1819	FNMA	4.500	4,488,989	4,250,785
BN1820	FNMA	4.500	6,659,459	6,579,142
BN1822	FNMA	4.500	487,649	379,216
BN2708	FNMA	4.500	3,782,211	3,740,658
Q59693	FHLMC	4.500	1,055,496	1,043,633
Q59698	FHLMC	4.500	1,623,029	1,605,382
BN0270	FNMA	5.000	152,724	151,156
BN1821	FNMA	5.000	858,456	848,718
B32379	FHLMC	5.000	499,974	494,751
BN2709	FNMA	5.000	1,116,372	1,104,922
BN2710	FNMA	5.000	1,550,673	1,533,364
B32393	FHLMC	5.000	180,589	178,699
B32364	FHLMC	4.500	460,803	455,357
BB3454	GNMA II	3.500	335,283	330,559
BB3460	GNMA II	3.500	505,269	498,170
BB3801	GNMA II	3.500	451,312	444,749

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2018 EFGH, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BB3802	GNMA II	3.500 %	\$ 429,691	\$ 423,545
BF2383	GNMA II	3.500	466,053	413,222
BF2385	GNMA II	4.000	563,784	556,284
BI6065	GNMA II	4.000	2,544,854	2,512,990
BI6066	GNMA II	4.000	5,879,906	5,806,256
BF2623	GNMA II	4.500	463,185	457,395
BF3057	GNMA II	4.500	420,914	415,906
BF3059	GNMA II	4.500	479,902	473,123
BI6069	GNMA II	4.500	4,157,487	4,108,267
BI6293	GNMA II	4.000	3,463,322	3,305,365
Subtotal			81,897,311	79,797,651

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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
to 18EFGH)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BB3882	GNMA	3.500 %	\$ 2,433,820	\$ 2,118,345
BF3126	GNMA II	4.000	1,969,609	1,945,644
BI5933	GNMA II	4.000	5,053,923	4,992,093
BI6182	GNMA II	4.000	3,449,985	3,271,820
BI6183	GNMA II	4.000	3,382,053	3,341,669
BI6070	GNMA II	4.500	5,213,371	4,939,491
BI6184	GNMA II	4.500	3,474,491	3,323,724
BI6185	GNMA II	4.500	4,381,919	4,330,337
BI6186	GNMA II	4.500	5,013,250	4,954,125
Subtotal			34,372,422	33,217,247
MBS Participation Interest (60.0024%)			20,624,278	19,931,145

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

<u>Pool Number</u>	<u>Pool Type</u>	<u>Pass- Through</u>	<u>Interest Participation</u>	<u>Principal Amount At Acquisition</u>	<u>Principal Amount Outstanding</u>
BF2177	GNMA	3.500	% 70.4665 %	\$ 1,004,344	\$ 989,726
BF2171	GNMA	3.500	70.4665	1,788,664	1,762,074
BF2378	GNMA	3.500	70.4665	4,114,255	3,861,848
BF2493	GNMA II	4.000	74.4575	616,883	609,320
BF2615	GNMA II	4.000	74.4575	3,662,418	3,173,077
BF2934	GNMA II	4.000	74.4575	4,891,882	4,429,198
BF2935	GNMA II	4.000	74.4575	6,042,297	5,186,086
BF2617	GNMA II	4.500	75.7026	3,369,519	2,453,761
BF2936	GNMA II	4.500	75.7773	4,492,876	4,064,467
BF2937	GNMA II	4.500	75.4297	4,387,315	3,938,759
Subtotal				34,370,453	30,468,315
MBS Participation Interest (40.000%)				13,748,181	12,187,326

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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
to 18EFGH)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BN3059	FNMA	4.500 %	\$ 3,011,057	\$ 2,994,363
BN6774	FNMA	4.500	5,494,643	5,066,579
BN6775	FNMA	5.000	1,631,285	1,622,055
BN6776	FNMA	5.000	2,366,006	2,352,419
BN7977	FNMA	4.500	2,510,326	2,489,547
BN7978	FNMA	4.500	4,831,213	4,801,556
BN7979	FNMA	5.000	1,470,746	1,461,563
BI6439	GNMA II	5.500	204,132	203,025
BI6444	GNMA II	4.500	733,471	474,591
BI6679	GNMA II	5.000	642,179	410,100
BI6808	GNMA II	4.500	3,689,956	3,550,638
BI6814	GNMA II	5.000	3,025,576	3,003,958
BI6916	GNMA II	4.000	5,454,249	5,417,798
Subtotal			35,064,841	33,848,191
MBS Participation Interest (37.5225%)			13,157,205	12,700,687

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

Pool Number	Pool Type	Pass-Through		Principal Amount At	Principal Amount
		Interest Rate	Interest Participation	Acquisition	Outstanding
BN0005	FNMA	4.500 %	26.0429	\$ 1,780,150	\$ 1,770,175
BN0006	FNMA	4.500	26.1354	3,398,242	3,379,128
BN0007	FNMA	4.500	25.9282	1,831,086	1,820,219
BN0008	FNMA	4.500	26.0567	5,305,274	5,273,277
BN2703	FNMA	4.500	28.3402	1,632,556	1,617,840
BN2704	FNMA	4.500	28.2477	5,479,448	5,445,287
BN2705	FNMA	4.500	28.3949	5,171,051	4,984,161
BN2706	FNMA	4.500	28.6269	5,773,544	5,552,770
BN2707	FNMA	4.500	28.4498	3,936,068	3,704,670
Subtotal				34,307,418	33,547,527
MBS Participation Interest (61.6491%)				21,150,214	20,681,748
2018 EFGH Total				<u>\$ 150,120,672</u>	<u>\$ 145,298,558</u>

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2019 ABCD

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
B32380	FHLMC	5.000 %	\$ 133,578	\$ 132,793
B32409	FHLMC	5.000	167,768	166,815
B32429	FHLMC	5.000	633,910	630,203
B32430	FHLMC	5.500	120,678	120,020
B32431	FHLMC	4.500	166,861	165,891
B32457	FHLMC	5.000	439,982	435,567
B32478	FHLMC	5.000	461,486	458,960
Q60966	FHLMC	4.500	1,434,087	1,095,707
Q61626	FHLMC	4.500	1,868,626	1,856,833
Q62157	FHLMC	4.500	1,082,490	1,075,928
Q63201	FHLMC	4.500	1,316,385	1,308,422
BK0999	FNMA	4.000	742,290	733,933
BN0266	FNMA	4.500	514,281	510,733
BN1827	FNMA	4.500	588,005	584,528
BN2696	FNMA	4.500	581,292	577,745
BN2697	FNMA	4.500	432,672	430,083
BN2698	FNMA	4.500	298,817	295,992
BN3053	FNMA	4.500	3,788,834	3,767,805
BN3054	FNMA	5.000	1,619,709	1,611,437
BN3055	FNMA	4.500	170,906	170,002
BN3058	FNMA	4.500	1,206,008	1,199,569
BN3060	FNMA	5.000	199,234	198,238
BN3595	FNMA	4.500	493,748	489,299

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2019 ABCD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BN4198	FNMA	4.500 %	\$ 559,929	\$ 556,156
BN4200	FNMA	5.000	465,131	462,500
BN4201	FNMA	5.000	398,151	396,012
BN4973	FNMA	5.500	183,545	182,600
BN4974	FNMA	4.500	552,714	549,482
BN4977	FNMA	4.500	407,639	405,243
BN6772	FNMA	4.500	3,442,305	3,421,231
BN6773	FNMA	4.500	1,954,207	1,941,695
BN6777	FNMA	5.500	226,272	225,114
BN7980	FNMA	4.500	511,672	508,518
BN8515	FNMA	5.000	279,489	278,058
BF3055	GNMA II	4.500	587,952	584,008
BI5941	GNMA II	4.500	250,111	247,740
BI6074	GNMA II	4.500	577,359	573,369
BI6192	GNMA II	4.500	422,666	419,914
BI6193	GNMA II	4.500	555,730	552,156
BI6194	GNMA II	4.500	754,141	749,334
BI6302	GNMA II	4.500	499,728	496,105
BI6303	GNMA II	4.500	691,814	687,118
BI6304	GNMA II	4.500	517,836	514,503
BI6305	GNMA II	4.500	614,940	610,988
BI6306	GNMA II	4.500	525,368	522,139
BI6441	GNMA II	4.500	563,518	559,569
BI6443	GNMA II	4.500	403,109	400,567
BI6675	GNMA II	4.500	577,661	573,829
BI6677	GNMA II	4.500	471,754	468,899

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2019 ABCD, continued

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BI6678	GNMA II	4.500 %	\$ 441,433	\$ 438,767
BI6680	GNMA II	5.000	571,010	567,598
BI6809	GNMA II	4.500	4,067,041	3,891,612
BI6811	GNMA II	4.500	4,044,999	4,019,127
BI6812	GNMA II	4.500	3,993,114	3,968,021
BI6813	GNMA II	5.000	2,031,474	2,019,514
BI6815	GNMA II	4.500	518,736	374,327
BI6816	GNMA II	4.500	542,022	538,682
BI6817	GNMA II	4.500	422,645	419,869
BI6818	GNMA II	4.500	339,077	337,037
BI6917	GNMA II	4.500	3,213,631	3,047,545
BM1599	GNMA II	4.500	4,725,842	4,693,602
BM1600	GNMA II	5.000	329,825	327,791
BM1603	GNMA II	4.500	575,067	571,383
BM1808	GNMA II	4.500	3,695,417	3,395,040
728666	GNMA II	4.250	60,135	59,312
743566	GNMA II	4.250	75,740	74,828
728516	GNMA II	4.625	2,558,611	2,527,480
728614	GNMA II	4.625	324,354	320,476
728262	GNMA II	4.875	185,487	134,367
728517	GNMA II	4.875	514,979	508,625
AC9191	FNMA	4.562	51,868	51,263
AC6444	FNMA	5.187	157,269	155,380
Subtotal			68,896,165	67,344,997

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
728515	GNMA II	4.500 %	\$ 1,683,220	\$ 1,657,469
728534	GNMA II	4.500	717,724	708,834
728613	GNMA II	4.500	973,189	839,854
728261	GNMA II	4.625	286,413	282,983
728535	GNMA II	4.625	405,656	400,757
728536	GNMA II	4.875	138,186	136,596
728519	GNMA II	5.125	309,561	305,954
735236	GNMA II	5.125	23,903	21,748
AC9166	FNMA	4.562	204,243	201,208
AC9177	FNMA	4.562	75,177	-
735540	GNMA II	4.500	1,458,394	1,446,456
743212	GNMA II	4.500	113,830	112,989
747576	GNMA II	4.500	190,437	189,114
747684	GNMA II	4.500	741,626	735,760
751069	GNMA II	4.500	399,623	396,854
751083	GNMA II	4.500	471,443	468,117
735284	GNMA II	4.625	295,041	292,923

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
735439	GNMA II	4.625 %	\$ 244,080	\$ 241,799
747509	GNMA II	4.625	804,212	725,821
747822	GNMA II	4.625	430,039	427,048
735542	GNMA II	4.750	308,884	306,663
AD6803	FNMA	4.500	738	-
AD2660	FNMA	4.562	102,758	101,996
AD3417	FNMA	4.562	251,072	249,044
AD3424	FNMA	4.562	84,505	83,908
AD4234	FNMA	4.562	150,011	148,829
AD4246	FNMA	4.562	186,775	184,925
AD5863	FNMA	4.750	75,273	74,734
Subtotal			11,126,015	10,742,382
MBS Participation Interest (50%)			5,563,007	5,371,191

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BN3059	FNMA	4.500 %	\$ 3,011,057	\$ 2,994,363
BN6774	FNMA	4.500	5,494,643	5,066,579
BN6775	FNMA	5.000	1,631,285	1,622,055
BN6776	FNMA	5.000	2,366,006	2,352,419
BN7977	FNMA	4.500	2,510,326	2,489,547
BN7978	FNMA	4.500	4,831,213	4,801,556
BN7979	FNMA	5.000	1,470,746	1,461,563
BI6439	GNMA II	5.500	204,132	203,025
BI6444	GNMA II	4.500	733,471	474,591
BI6679	GNMA II	5.000	642,179	410,100
BI6808	GNMA II	4.500	3,689,956	3,550,638
BI6814	GNMA II	5.000	3,025,576	3,003,958
BI6916	GNMA II	4.000	5,454,249	5,417,798
Subtotal			35,064,841	33,848,191
MBS Participation Interest (62.4775%)			21,907,636	21,147,503

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

Pool Number	Pool Type	Pass-Through		Principal Amount At Acquisition	Principal Amount Outstanding
		Interest Rate	Interest Participation		
BN0005	FNMA	4.500 %	73.9571	\$ 1,780,150	\$ 1,770,175
BN0006	FNMA	4.500	73.8646	3,398,242	3,379,128
BN0007	FNMA	4.500	74.0718	1,831,086	1,820,219
BN0008	FNMA	4.500	73.9433	5,305,274	5,273,277
BN2703	FNMA	4.500	71.6598	1,632,556	1,617,840
BN2704	FNMA	4.500	71.7523	5,479,448	5,445,287
BN2705	FNMA	4.500	71.6051	5,171,051	4,984,161
BN2706	FNMA	4.500	71.3731	5,773,544	5,552,770
BN2707	FNMA	4.500	71.5502	3,936,068	3,704,670
Subtotal				34,307,418	33,547,527
MBS Participation Interest (38.3509%)				13,157,203	12,865,779

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

Pool Number	Pool Type	Pass-Through		Principal Amount At		Principal Amount
		Interest Rate	Interest Participation	Acquisition		Outstanding
Q63202	FHLMC	5.000	% 25.9163	%	\$ 999,220	\$ 999,220
BN3056	FNMA	5.000	23.5406		199,272	199,272
BN4976	FNMA	4.500	26.2779		472,983	472,983
BN4978	FNMA	5.000	24.9371		301,296	301,296
BN8514	FNMA	4.500	24.3146		506,779	506,779
BN8517	FNMA	4.500	24.5941		3,208,270	3,208,270
BN8518	FNMA	4.500	24.5641		193,770	193,770
BN9777	FNMA	4.500	28.0301		3,866,449	3,866,449
BN9778	FNMA	4.500	28.0859		4,476,785	4,476,785
BN9779	FNMA	5.000	26.4402		2,065,363	2,065,363
BN9780	FNMA	5.000	26.1853		2,873,237	2,873,237
BF3054	GNMA II	4.000	30.5392		608,816	608,816
BI6072	GNMA II	4.000	30.5392		732,396	732,396
BI6189	GNMA II	4.000	30.5392		294,896	294,896
BI6301	GNMA II	4.000	30.5392		615,954	615,954
BI6433	GNMA II	4.000	30.5392		111,135	111,135
BI6436	GNMA II	4.500	28.1138		7,475,930	7,475,930
BI6634	GNMA II	4.000	30.5392		139,898	139,898
BI6671	GNMA II	4.500	28.0691		5,451,323	5,451,323
BI6674	GNMA II	4.000	30.5392		405,411	405,411
BI6676	GNMA II	4.500	27.8148		490,345	490,345

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

Pool Number	Pool Type	Pass-Through				Principal Amount At	Principal Amount
		Interest Rate	Interest Participation			Acquisition	Outstanding
BI6807	GNMA II	4.000	%	30.5392	%	\$ 2,181,367	\$ 2,181,367
BI6810	GNMA II	4.500		28.5976		3,661,437	3,661,437
BM1602	GNMA II	4.000		30.5392		622,567	622,567
BM1804	GNMA II	4.000		30.8729		3,915,099	3,915,099
BM1805	GNMA II	4.000		30.6652		4,103,922	4,103,922
Subtotal						49,973,919	49,973,919
MBS Participation Interest (81.2333%)						40,595,464	40,595,464

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019**



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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BM1901	GNMA II	4.500 %	\$ 358,838	\$ 358,838
BM2252	GNMA II	4.000	568,544	568,544
BM2255	GNMA II	4.000	525,577	525,577
BM2402	GNMA II	3.500	5,258,785	5,258,785
BM2403	GNMA II	3.500	5,777,875	5,777,875
BM2404	GNMA II	4.000	8,058,509	8,058,509
BM2406	GNMA II	4.000	6,307,005	6,307,005
BM2407	GNMA II	4.000	7,248,350	7,248,350
Subtotal			34,103,484	34,103,484
MBS Participation Interest (27.5%)			9,378,458	9,378,458
2019 ABCD Total			\$ 159,497,934	\$ 156,703,392

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



2019 EFGH

Pool Number	Pool Type	Pass-Through Interest Rate		Principal Amount At Acquisition	Principal Amount Outstanding
QA1910	FHLMC	4.000	%	\$ 303,133	\$ 303,133
QA2735	FHLMC	4.000		1,968,857	1,968,857
BN3047	FNMA	4.000		74,782	74,782
BO3438	FNMA	4.000		5,703,888	5,703,888
BO3443	FNMA	4.000		253,655	253,655
BO4852	FNMA	4.000		4,430,240	4,430,240
BO4853	FNMA	4.000		6,927,718	6,927,718
BP7169	GNMA II	3.000		661,761	661,761
BM2401	GNMA II	3.500		4,182,373	4,182,373
BP7170	GNMA II	3.500		5,270,857	5,270,857
BP7171	GNMA II	3.500		6,647,366	6,647,366
BP7172	GNMA II	3.500		4,363,354	4,363,354
BP7173	GNMA II	3.500		4,263,395	4,263,395
BP7174	GNMA II	3.500		2,828,291	2,828,291
BP7175	GNMA II	3.500		5,245,806	5,245,806
BP7176	GNMA II	3.500		4,027,584	4,027,584
BM2112	GNMA II	4.000		545,699	545,699
BM2114	GNMA II	4.000		484,043	484,043
BM2405	GNMA II	4.000		7,720,269	7,720,269
BP7177	GNMA II	4.000		4,599,444	4,599,444
Subtotal				70,502,517	70,502,517

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

Pool Number	Pool Type	Pass-Through Interest Rate	Principal Amount At Acquisition	Principal Amount Outstanding
BM1901	GNMA II	4.500 %	\$ 358,838	\$ 358,838
BM2252	GNMA II	4.000	568,544	568,544
BM2255	GNMA II	4.000	525,577	525,577
BM2402	GNMA II	3.500	5,258,785	5,258,785
BM2403	GNMA II	3.500	5,777,875	5,777,875
BM2404	GNMA II	4.000	8,058,509	8,058,509
BM2406	GNMA II	4.000	6,307,005	6,307,005
BM2407	GNMA II	4.000	7,248,350	7,248,350
Subtotal			34,103,484	34,103,484
MBS Participation Interest (72.5%)			24,725,026	24,725,026

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

Pool Number	Pool Type	Pass-Through		Principal Amount At		Principal Amount
		Interest Rate	Interest Participation	Acquisition		Outstanding
Q63202	FHLMC	5.000	% 74.0837	%	\$ 999,220	\$ 999,220
BN3056	FNMA	5.000	76.4594		199,272	199,272
BN4976	FNMA	4.500	73.7221		472,983	472,983
BN4978	FNMA	5.000	75.0629		301,296	301,296
BN8514	FNMA	4.500	75.6854		506,779	506,779
BN8517	FNMA	4.500	75.4059		3,208,270	3,208,270
BN8518	FNMA	4.500	75.4359		193,770	193,770
BN9777	FNMA	4.500	71.9699		3,866,449	3,866,449
BN9778	FNMA	4.500	71.9141		4,476,785	4,476,785
BN9779	FNMA	5.000	73.5598		2,065,363	2,065,363
BN9780	FNMA	5.000	73.8147		2,873,237	2,873,237
BF3054	GNMA II	4.000	69.4608		608,816	608,816
BI6072	GNMA II	4.000	69.4608		732,396	732,396
BI6189	GNMA II	4.000	69.4608		294,896	294,896
BI6301	GNMA II	4.000	69.4608		615,954	615,954
BI6433	GNMA II	4.000	69.4608		111,135	111,135
BI6436	GNMA II	4.500	71.8862		7,475,930	7,475,930
BI6634	GNMA II	4.000	69.4608		139,898	139,898
BI6671	GNMA II	4.500	71.9309		5,451,323	5,451,323
BI6674	GNMA II	4.000	69.4608		405,411	405,411
BI6676	GNMA II	4.500	72.1852		490,345	490,345

Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Purchased with Bond Proceeds
Information as of September 30, 2019



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)

Pool Number	Pool Type	Pass-Through				Principal Amount At	Principal Amount
		Interest Rate	Interest Participation			Acquisition	Outstanding
BI6807	GNMA II	4.000	% 69.4608	%	\$	2,181,367	\$ 2,181,367
BI6810	GNMA II	4.500	71.4024			3,661,437	3,661,437
BM1602	GNMA II	4.000	69.4608			622,567	622,567
BM1804	GNMA II	4.000	69.1271			3,915,099	3,915,099
BM1805	GNMA II	4.000	69.3348			4,103,922	4,103,922
Subtotal						49,973,919	49,973,919
MBS Participation Interest (18.7667%)						9,378,456	9,378,456
2019 EFGH Total						\$ 104,605,998	\$ 104,605,998

**Residential Housing Finance Bond Resolution
Whole Loan Mortgage Insurance
Information as of September 30, 2019**



Series	FHA	VA	Rural Development	MGIC	Genworth	Other Private Mortgage Insurers*	Uninsured	Total
Retired	\$ 1,657,148	\$ 25,289	\$ 347,675	\$ -	\$ -	\$ -	\$ 328,661	\$ 2,358,773
06LMN	43,689	-	-	-	-	-	430,032	473,721
07M	1,031,978	89,268	1,401,972	2,004,806	1,586,860	854,149	1,485,981	8,455,014
07M-40 Year	-	-	-	2,072,793	350,469	727,319	259,419	3,410,000
12ABCD	14,273,127	511,911	6,850,223	138,528	220,574	180,844	6,077,120	28,252,327
13ABC	5,041,970	239,181	3,454,627	426,351	89,335	231,710	5,167,763	14,650,937
14A	2,913,668	204,090	1,236,061	11,522	47,148	47,918	1,444,998	5,905,405
14B	4,019,846	126,418	1,172,357	118,278	19,375	35,188	1,105,647	6,597,109
14CDE	16,607,775	1,195,272	15,016,072	4,221,798	199,966	1,824,306	29,886,014	68,951,203
15ABCD	4,539,230	196,923	4,090,743	918,928	814,820	839,776	11,473,093	22,873,513
15ABCD-40 Year	-	-	-	124,245	-	887,519	175,121	1,186,885
15EFG	7,145,890	391,044	10,747,669	2,491,128	424,571	1,352,259	19,303,019	41,855,580
15EFG-40 Year	-	-	-	2,649,093	877,744	2,200,445	1,547,720	7,275,002
16ABC	2,178,233	451,190	4,759,901	5,086,500	2,893,898	2,502,281	9,276,178	27,148,181
16ABC-40 Year	-	-	-	5,658,793	1,649,606	2,969,591	1,877,552	12,155,542
16DEF	3,552,179	322,275	2,660,875	3,049,907	2,430,888	1,272,415	2,497,130	15,785,669
16DEF-40 Year	-	-	-	3,087,517	522,039	1,083,373	386,416	5,079,345
17ABC	11,910,398	153,936	6,162,711	2,953,957	771,714	1,613,454	5,833,894	29,400,064
17ABC-40 Year	-	-	-	3,491,545	1,561,930	1,852,277	2,411,714	9,317,466
17DEF	7,219,201	-	3,894,499	282,781	37,123	306,269	3,840,991	15,580,864
17DEF-40 Year	-	-	-	2,182,768	301,686	1,003,495	1,341,511	4,829,460
18ABCD	6,581,847	115,561	4,356,012	-	13,299	-	4,604,468	15,671,187
19ABCD	20,861,683	264,864	3,561,179	133,981	25,861	63,916	4,073,224	28,984,708
Total Bond Financed	\$ 109,577,862	\$ 4,287,222	\$ 69,712,576	\$ 41,105,219	\$ 14,838,906	\$ 21,848,504	\$ 114,827,666	\$ 376,197,955
	29.13%	1.14%	18.53%	10.93%	3.94%	5.81%	30.52%	100.00%

Republic 3.050%, United 1.36%, PMI .80%, Radian Guarantee Fund 0.32%, Commonwealth 0.19%, Triad 0.09%, Amerin 0.0%

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Delinquency and Foreclosure Statistics
Information as of September 30, 2019



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

Bond Financed:	Number of Loans	Balance Outstanding	30-59 Days		60-89 Days		90-119 Days		120 Days and Greater and Foreclosures ⁽¹⁾		Total ⁽²⁾
			#	%	#	%	#	%	#	%	%
			Retired	49.0	\$2,358,773	9.0	18.37	5.0	10.20	2.0	4.08
06LMN	5.0	473,721	1.0	20.00	-	-	-	-	1.0	20.00	20.00
07M	93.9	8,455,014	3.4	3.62	2.0	2.13	1.2	1.28	3.6	3.83	7.24
07M-40 Yr	23.8	3,410,000	0.8	3.36	0.4	1.68	0.4	1.68	0.8	3.36	6.72
12ABCD	590.5	28,252,327	36.0	6.10	11.0	1.86	4.0	0.68	14.0	2.37	4.91
13ABC	306.5	14,650,937	21.5	7.01	2.0	0.65	1.0	0.33	7.0	2.28	3.26
14A	204.0	5,905,405	5.0	2.45	1.0	0.49	1.0	0.49	-	-	0.98
14B	217.0	6,597,109	8.0	3.69	2.0	0.92	1.0	0.46	2.0	0.92	2.30
14CDE	860.0	68,951,203	46.5	5.41	18.0	2.09	5.0	0.58	15.5	1.80	4.48
15ABCD	262.5	22,873,513	13.5	5.14	4.0	1.52	4.0	1.52	9.0	3.43	6.48
15ABCD-40 Year	8.0	1,186,885	1.0	12.50	-	-	1.0	12.50	1.0	12.50	25.00
15EFG	532.5	41,855,580	26.5	4.98	9.5	1.78	2.5	0.47	11.5	2.16	4.41
15EFG-40 Year	50.0	7,275,002	2.0	4.00	1.0	2.00	-	-	2.0	4.00	6.00
16ABC	303.5	27,148,181	15.5	5.11	12.5	4.12	3.5	1.15	11.0	3.62	8.90
16ABC-40 Year	86.0	12,155,542	3.0	3.49	1.0	1.16	1.0	1.16	4.0	4.65	6.98
16DEF	257.6	15,785,669	14.1	5.47	5.0	1.94	1.8	0.70	7.4	2.87	5.51
16DEF-40 Year	35.2	5,079,345	1.2	3.41	0.6	1.70	0.6	1.70	1.2	3.41	6.82
17ABC	366.0	29,400,064	23.0	6.28	7.5	2.05	2.5	0.68	12.0	3.28	6.01
17ABC-40 Year	78.0	9,317,466	5.0	6.41	1.0	1.28	2.0	2.56	3.0	3.85	7.69
17DEF	184.0	15,580,864	6.0	3.26	4.0	2.17	4.0	2.17	7.0	3.80	8.15
17DEF-40 Year	39.0	4,829,460	1.0	2.56	2.0	5.13	-	-	-	-	5.13
18ABCD	272.5	15,671,187	15.0	5.50	6.0	2.20	1.0	0.37	2.0	0.73	3.30
19ABCD	530.5	28,984,708	28.0	5.28	16.5	3.11	5.5	1.04	13.0	2.45	6.60
Total Bond Financed	5,355.0	\$ 376,197,955	286.0	5.34	112.0	2.09	45.0	0.84	131.0	2.45	5.38

All Loans are serviced by US Bank Home Mortgage.

If the number of loans 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. 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.

(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.

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

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

**Residential Housing Finance Bond Resolution
Whole Loan Mortgages Delinquency and Foreclosure Statistics
Information as of September 30, 2019**

continued from page G-1.

<u>Comparative 60+ Day Delinquency Statistics⁽¹⁾</u>	<u>At 6/30/2019</u>	<u>At 9/30/2019</u>
Residential Housing Finance Bond Resolution Loan Portfolio	3.61%	4.17%
Mortgage Bankers Association of America, Minnesota ⁽²⁾	1.26%	not yet available
Mortgage Bankers Association of America, National ⁽²⁾	1.84%	not yet available

<u>Comparative Foreclosure Statistics⁽³⁾</u>	<u>At 6/30/2019</u>	<u>At 9/30/2019</u>
Residential Housing Finance Bond Resolution Loan Portfolio	0.98%	0.97%
Mortgage Bankers Association of America, Minnesota ⁽²⁾	0.27%	not yet available
Mortgage Bankers Association of America, National ⁽²⁾	0.88%	not yet available

(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.

(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 6/30/2019 Mortgage Bankers Association of America average 60+ days delinquency rate is 1.13% Minnesota and 2.27% national. The unadjusted 6/30/2019 Mortgage Bankers Association of America foreclosure rate is 0.23% Minnesota and 0.74% 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 September 30, 2019



Series	Real Estate Owned*				
	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
07M	0.4	8,477	21,193	12	30
13ABC	3.0	288,351	96,117	10,327	3,442
15ABCD	1.0	126,626	126,626	412	412
15EFG	1.0	72,418	72,418	79,958	79,958
15EFG-40 Year	1.0	109,760	109,760	3,422	3,422
16ABC-40 Year	1.0	113,408	113,408	19,257	19,257
16DEF	0.6	12,626	21,043	17	28
17ABC	1.0	98,377	98,377	158	158
19ABCD	2.0	165,507	82,754	112,270	56,135
Total	11.0	\$ 995,550	\$ 90,505	\$ 225,833	\$ 20,530

*MHFA holds title - property is not sold.

**Residential Housing Finance Bond Resolution
Whole Loan Mortgages Insurance Claims Activity
Information as of September 30, 2019**



REO Pending Claims* PMI					
Bond Financed	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
07M	0.2	\$ 18,519	\$ 92,595	\$ 18,519	\$ 92,595
12ABCD	3.0	155,539	51,846	173,476	57,825
14CDE	8.0	587,053	73,382	498,270	62,284
15ABCD	1.0	82,504	82,504	60,782	60,782
15EFG	3.5	266,455	76,130	266,025	76,007
16ABC	3.5	335,806	95,945	84,925	24,264
16DEF	0.3	27,778	92,593	29,415	98,050
17ABC	1.0	76,517	76,517	60,008	60,008
18ABCD	2.0	98,016	49,008	76,740	38,370
19ABCD	0.5	30,221	60,442	11,417	22,834
Total	23.0	\$ 1,678,408	\$ 72,974	\$ 1,279,577	\$ 55,634

*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.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages FHA Mortgage Insurance/VA Guaranty Pending Claims
Information as of September 30, 2019



Series	FHA/VA Mortgage Insurance/VA Guaranty Pending Claims *				
	No. of Prop.	Loan Balance	Average Balance	Net Amount Due	Average Net Due
Retired	6.0	\$ 408,384	\$ 68,064	\$ (53,928)	\$ (8,988)
12ABCD	8.0	471,759	58,970	59,456	7,432
13ABC	1.0	40,566	40,566	(1,542)	(1,542)
14A	1.0	47,891	47,891	52,449	52,449
14CDE	2.0	147,626	73,813	160,263	80,132
15ABCD	2.0	104,825	52,413	114,309	57,155
15EFG	1.0	67,792	67,792	73,446	73,446
16ABC	2.0	195,930	97,965	100,394	50,197
16DEF	1.0	81,268	81,268	277	277
17ABC	3.5	353,268	100,934	155,758	44,502
17DEF	1.0	18,553	18,553	20,215	20,215
19ABCD	0.5	106,627	213,254	19,754	39,508
Total	<u>29.0</u>	<u>\$ 2,044,489</u>	\$ 70,500	<u>\$ 700,851</u>	\$ 24,167

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

If the number of loans 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. 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.

Residential Housing Finance Bond Resolution
Whole Loan Mortgages Real Estate Owned/Completed Insurance Claims Activity
Cumulative Information as of September 30, 2019

Series	Completed Claims (1)				
	No. of Prop.	Loan Balance (2)	Average Balance	Gain (Loss)	Average Gain (Loss)
Bond Financed:					
RHFB Retired	3,476.8	\$ 414,765,547	\$ 119,295	\$(80,492,598)	\$ (23,151)
RHFB 06LMN	55.0	6,338,927	115,253	(1,649,566)	(29,992)
RHFB 07M	100.2	12,619,427	125,942	(3,014,653)	(30,086)
RHFB 07M-40 Year	34.4	5,506,959	160,086	(1,520,980)	(44,215)
RHFB 2012ABCD	113.0	7,933,501	70,208	(1,017,802)	(9,007)
RHFB 2013ABC	45.5	3,220,737	70,785	(406,509)	(8,934)
RHFB 2014A	2.0	129,035	64,518	(84)	(42)
RHFB 2014B	5.0	302,517	60,503	(1,396)	(279)
RHFB 2014CDE	72.5	7,187,158	99,133	(947,043)	(13,063)
RHFB 2015ABCD	31.5	3,114,271	98,866	(381,450)	(12,110)
RHFB 2015ABCD-40 YR	2.0	356,538	178,269	(56,669)	(28,335)
RHFB 2015EFG	35.0	3,493,382	99,811	(511,547)	(14,616)
RHFB 2015EFG-40 Year	11.0	1,611,190	146,472	(179,134)	(16,285)
RHFB 2016ABC	28.0	3,152,447	112,587	(292,425)	(10,444)
RHFB 2016ABC-40 Year	7.0	1,063,912	151,987	(80,829)	(11,547)
RHFB 2016DEF	10.2	758,273	74,340	(74,586)	(7,312)
RHFB 2016DEF-40 Year	2.4	349,835	145,765	(46,028)	(19,178)
RHFB 2017ABC	8.5	779,650	91,724	(30,924)	(3,638)
RHFB 2017ABC-40 Year	2.0	207,407	103,704	(9,409)	(4,705)
RHFB 2017DEF	6.0	635,815	105,969	(42,246)	(7,041)
Total	4,048.0	\$ 473,526,528	\$ 116,978	\$(90,755,878)	\$ (22,420)

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

(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.

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.

**Residential Housing Finance Bond Resolution
Whole Loan Mortgages Prepayment Report
Information as of September 30, 2019**



Bond Financed	Weighted Average Interest Rate Based on Total Loans Purchased		Total Loan Purchases		Prepayments/REO 12 Months Ended 9/30/2019		Curtailments 12 Months Ended 9/30/2019	Prepayments/ REO Total # to Date	Curtailments and Prepayments/ REO Total To Date
			# of Loans	Amount	# of Loans	Amount			
RHFB Retired	5.88	%	14,004.7	\$ 1,533,438,525	25.5	\$ 1,364,650	\$ 128,752	13,948.5	\$ 1,234,184,402
RHFB 06LMN	5.77		157.0	20,334,227	1.0	179,240	0	151.0	14,976,527
RHFB 2007M	5.96		435.3	51,601,162	13.0	1,295,455	35,433	340.2	39,578,666
RHFB 2007M-40 Yr	6.09		87.6	13,786,495	4.4	524,135	5,958	64.0	8,415,570
RHFB 2012ABCD	6.10		1,411.0	96,047,766	57.5	2,706,969	270,389	817.0	52,517,900
RHFB 2013ABC	5.96		641.0	42,482,583	31.5	1,509,989	116,155	330.5	20,186,827
RHFB 2014A	6.13		381.0	15,938,679	24.0	502,063	83,590	176.0	6,528,494
RHFB 2014B	6.13		419.0	15,978,942	22.0	519,302	67,580	202.0	5,197,207
RHFB 2014CDE	5.15		1,554.0	147,424,535	89.0	6,792,900	296,098	683.0	62,170,729
RHFB 2015ABCD	5.56		538.0	52,474,015	37.0	2,955,352	157,112	271.5	25,044,970
RHFB 2015ABCD-40 Yr	5.56		20.0	3,064,439	2.0	297,028	83	12.0	1,785,184
RHFB 2015EFG	5.68		886.0	80,106,833	62.0	4,704,045	249,877	348.0	30,943,539
RHFB 2015EFG-40yr	5.47		105.0	15,680,365	10.0	1,243,759	9,881	54.0	7,691,066
RHFB 2016ABC	5.93		567.0	59,751,015	46.5	4,612,493	129,715	257.5	28,299,578
RHFB 2016ABC-40 Yr	5.93		151.0	22,027,528	14.0	1,741,889	54,235	64.0	8,966,276
RHFB 2016DEF	5.68		392.3	27,242,103	35.5	2,255,859	110,634	131.9	9,129,465
RHFB 2016DEF-40 Yr	5.38		55.6	8,084,772	6.6	776,350	8,876	20.4	2,734,560
RHFB 2017ABC	5.82		518.0	45,579,077	55.5	4,760,205	186,240	146.0	13,485,832
RHFB 2017ABC-40 Yr	5.79		102.0	12,928,653	7.0	693,229	170,929	24.0	3,272,737
RHFB 2017DEF	5.73		226.0	20,736,955	16.0	1,435,915	64,521	41.0	4,264,927
RHFB 2017DEF-40 Yr	5.54		48.0	5,841,813	5.0	497,282	-	9.0	860,741
RHFB 2018ABCD	5.17		307.5	19,253,174	24.0	1,612,753	171,650	33.0	2,400,808
RHFB 2019ABCD	5.85		556.0	31,227,433	23.0	1,334,348	77,205	23.0	1,411,553
Total Bond Financed	5.82	%	23,563.0	\$ 2,341,031,089	612.0	\$ 44,315,210	\$ 2,394,913	18,147.5	\$ 1,584,047,558

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.

**Residential Housing Finance Bond Resolution
Mortgage-Backed Securities Prepayment Report
Information as of September 30, 2019**



Series	Weighted Average Pass- Through Rate (Based on Total Pools Purchased)	Total MBS Purchased*	Prepayments 12 Months Ended 09/30/2019	Curtailments 12 Months Ended 09/30/2019	Prepayments to Date	Curtailments to Date	Total Curtailments and Prepayments to Date
12ABCD	3.516%	\$ 60,697,067	\$ 3,173,967	\$ 92,207	\$ 28,946,906	\$ 692,661	\$ 29,639,567
13ABC	2.633%	42,301,165	3,025,552	87,090	17,387,201	385,287	17,772,488
14A	3.207%	50,003,520	3,993,624	173,698	19,749,493	521,193	20,270,686
14B	3.335%	50,015,523	4,164,239	48,104	21,818,328	300,413	22,118,741
14CDE	3.514%	78,421,289	7,206,528	80,693	31,142,021	372,563	31,514,584
15ABCD	3.271%	64,030,055	6,158,061	51,375	20,703,722	196,452	20,900,174
15EFG	3.537%	74,399,612	6,379,415	60,356	19,870,583	212,309	20,082,892
16ABC	3.423%	74,982,792	6,124,042	53,857	13,945,409	175,935	14,121,344
16DEF	3.083%	100,005,295	7,325,527	125,260	13,726,582	330,727	14,057,309
17ABC	3.721%	60,900,313	4,786,046	73,102	6,304,897	182,491	6,487,388
17DEF	3.559%	120,065,774	8,057,373	114,190	9,667,509	225,437	9,892,946
18ABCD	4.070%	125,038,008	8,310,377	122,616	8,784,599	150,200	8,934,799
18EFGH	4.361%	150,754,397	3,665,695	113,008	3,665,695	113,008	3,778,703
19ABCD	4.521%	159,203,906	2,244,290	60,681	2,244,290	60,681	2,304,971
19EFGH	3.767%	104,606,001	-	-	-	-	-
Total		<u>\$ 1,315,424,717</u>	<u>\$ 74,614,736</u>	<u>\$ 1,256,237</u>	<u>\$ 217,957,235</u>	<u>\$ 3,919,358</u>	<u>\$ 221,876,593</u>

*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.

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2006 N	1/1/2008	\$ -	\$ 315,000	\$ 10,000	\$ -	\$ 325,000	2013, 2016 & 2037
	7/1/2008	-	90,000	25,000	-	115,000	2011, 2014, 2016 & 2037
	1/1/2009	-	165,000	5,000	-	170,000	2016 & 2037
	7/1/2009	-	150,000	15,000	-	165,000	2012, 2014, 2016 & 2037
	1/1/2010	-	1,765,000	15,000	-	1,780,000	2037
	7/1/2010	-	785,000	35,000	-	820,000	2037
	1/1/2011	-	1,780,000	55,000	-	1,835,000	2037
	7/1/2011	-	1,740,000	80,000	-	1,820,000	2037
	1/1/2012	-	1,175,000	10,000	-	1,185,000	2037
	7/1/2012	-	960,000	50,000	-	1,010,000	2013-2016 & 2037
	1/1/2013	-	868,745	26,255	-	895,000	2015-2016 & 2037
	7/1/2013	-	788,696	21,304	-	810,000	2014-2016 & 2037
	1/1/2014	-	624,225	135,775	-	760,000	2036
	7/1/2014	-	709,729	45,271	-	755,000	2037
	8/1/2014	-	20,000	-	-	20,000	2015-2016
	12/1/2014	-	4,889	111	-	5,000	2015
	1/1/2015	-	460,773	14,227	-	475,000	2015-2016 & 2037
	5/1/2015	-	9,481	519	-	10,000	2015-2016
	6/1/2015	-	4,801	199	-	5,000	2016
	7/1/2015	-	375,122	24,878	-	400,000	2016 & 2037
	9/1/2015	-	4,874	126	-	5,000	2016
	11/1/2015	-	4,850	150	-	5,000	2016
	1/1/2016	-	295,850	9,150	-	305,000	2037
	1/7/2016	-	-	-	-	310,000	2016
	7/1/2016	-	257,050	7,950	-	265,000	2037
	1/1/2017	-	198,250	6,750	-	205,000	2037
	7/1/2017	-	174,150	5,850	-	180,000	2037
	1/1/2018	-	154,900	5,100	-	160,000	2037
	7/1/2018	-	130,650	4,350	-	135,000	2037
	1/1/2019	-	116,100	3,900	-	120,000	2037
7/1/2019	-	101,700	3,300	-	105,000	2037	
Total 2006 N		-	14,229,835	615,165	310,000	15,155,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
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
Total 2007 M		-	50,816,934	257,850	3,105,216	54,180,000	

* Prepayments for 2007M include repayments.

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2012 A	9/1/2012	\$ -	\$ 255,000	\$ 10,000	\$ -	265,000	2013-2023
	10/1/2012	-	620,000	20,000	-	640,000	2013-2023
	11/1/2012	-	1,000,000	30,000	-	1,030,000	2013-2023
	12/1/2012	-	411,930	13,070	-	425,000	2013-2023
	1/1/2013	-	1,734,330	55,670	-	1,790,000	2013-2023
	5/1/2013	-	941,792	28,208	-	970,000	2014-2023
	6/1/2013	-	301,010	8,990	-	310,000	2014-2023
	7/1/2013	-	1,216,241	33,759	-	1,250,000	2014-2023
	10/1/2013	-	553,437	16,563	-	570,000	2014-2023
	11/1/2013	-	519,248	15,752	-	535,000	2014-2023
	12/1/2013	-	504,865	15,135	-	520,000	2014-2023
	1/1/2014	-	273,379	6,621	-	280,000	2014-2023
	4/1/2014	-	43,789	1,211	-	45,000	2019-2023
	5/1/2014	-	238,142	6,858	-	245,000	2014-2023
	6/1/2014	-	562,934	17,066	-	580,000	2014-2023
	7/1/2014	-	206,516	18,484	-	225,000	2015-2023
	10/1/2014	-	92,393	2,607	-	95,000	2015-2023
	11/1/2014	-	291,000	9,000	-	300,000	2015-2023
	12/1/2014	-	829,195	25,805	-	855,000	2015-2023
	1/1/2015	-	178,666	16,334	-	195,000	2015-2023
	5/1/2015	-	252,103	7,897	-	260,000	2015-2023
	6/1/2015	-	402,684	12,316	-	415,000	2015-2023
	7/1/2015	-	316,690	23,310	-	340,000	2016-2023
	11/1/2015	-	106,700	3,300	-	110,000	2016-2023
	12/1/2015	-	591,700	18,300	-	610,000	2016-2023
	1/1/2016	-	485,195	29,805	-	515,000	2016-2023
	5/1/2016	-	121,250	3,750	-	125,000	2016-2023
	6/1/2016	-	198,850	6,150	-	205,000	2016-2023
	7/1/2016	-	818,609	41,391	-	860,000	2017-2023
	10/1/2016	-	213,400	6,600	-	220,000	2017-2023
	11/1/2016	-	465,600	14,400	-	480,000	2017-2023
	12/1/2016	-	431,650	13,350	-	445,000	2017-2023
1/1/2017	-	535,183	29,817	-	565,000	2017-2023	
5/1/2017	-	266,750	8,250	-	275,000	2017-2023	
6/1/2017	-	266,750	8,250	-	275,000	2017-2023	
7/1/2017	-	256,803	18,197	-	275,000	2018-2023	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	10/1/2017	-	19,400	600	-	20,000	2021-2022
	11/1/2017	-	480,150	14,850	-	495,000	2018-2023
	12/1/2017	-	324,950	10,050	-	335,000	2018-2023
	1/1/2018	-	257,457	17,543	-	275,000	2018-2023
	5/1/2018	-	257,050	7,950	-	265,000	2018-2023
	6/1/2018	-	106,700	3,300	-	110,000	2018-2023
	7/1/2018	-	229,101	15,899	-	245,000	2019-2023
	10/1/2018	-	58,200	1,800	-	60,000	2019-2023
	11/1/2018	-	130,950	4,050	-	135,000	2019-2023
	12/1/2018	-	189,150	5,850	-	195,000	2019-2023
	1/1/2019	-	664,202	30,798	-	695,000	2019-2023
	7/1/2019	-	110,676	9,324	-	120,000	2020-2023
Total 2012 A		-	19,331,770	718,230	-	20,050,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2012 B	9/1/2012	\$ -	\$ 45,000	\$ -	\$ -	45,000	2024
	10/1/2012	-	105,000	5,000	-	110,000	2024
	11/1/2012	-	180,000	-	-	180,000	2024
	12/1/2012	-	73,000	2,000	-	75,000	2023-2024
	1/1/2013	-	305,731	9,269	-	315,000	2023-2024
	5/1/2013	-	165,058	4,942	-	170,000	2023-2024
	6/1/2013	-	53,412	1,588	-	55,000	2023-2024
	7/1/2013	-	225,800	4,200	-	230,000	2023-2024
	10/1/2013	-	101,953	3,047	-	105,000	2023-2024
	11/1/2013	-	96,866	3,134	-	100,000	2023-2024
	12/1/2013	-	92,234	2,766	-	95,000	2023-2024
	1/1/2014	-	50,000	-	-	50,000	2023-2024
	4/1/2014	-	9,697	303	-	10,000	2023-2024
	5/1/2014	-	43,924	1,076	-	45,000	2023-2024
	6/1/2014	-	106,007	3,993	-	110,000	2023-2024
	7/1/2014	-	40,931	4,069	-	45,000	2023-2024
	10/1/2014	-	19,641	359	-	20,000	2023-2024
	11/1/2014	-	58,200	1,800	-	60,000	2023-2024
	12/1/2014	-	168,732	6,268	-	175,000	2023-2024
	1/1/2015	-	36,617	3,383	-	40,000	2023-2024
	5/1/2015	-	53,544	1,456	-	55,000	2023-2024
	6/1/2015	-	88,173	1,827	-	90,000	2023-2024
	7/1/2015	-	69,952	5,048	-	75,000	2023-2024
	11/1/2015	-	24,250	750	-	25,000	2023-2024
	12/1/2015	-	130,950	4,050	-	135,000	2023-2024
	1/1/2016	-	117,766	7,234	-	125,000	2023-2024
	5/1/2016	-	29,100	900	-	30,000	2023-2024
	6/1/2016	-	48,500	1,500	-	50,000	2023-2024
	7/1/2016	-	209,412	10,588	-	220,000	2023-2024
	10/1/2016	-	53,350	1,650	-	55,000	2023-2024
	11/1/2016	-	121,250	3,750	-	125,000	2023-2024
	12/1/2016	-	111,550	3,450	-	115,000	2023-2024
	1/1/2017	-	146,820	8,180	-	155,000	2023-2024
	5/1/2017	-	72,750	2,250	-	75,000	2023-2024
	6/1/2017	-	72,750	2,250	-	75,000	2023-2024
	7/1/2017	-	74,706	5,294	-	80,000	2023-2024
	10/1/2017	-	4,850	150	-	5,000	2024
	11/1/2017	-	145,500	4,500	-	150,000	2023-2024
	12/1/2017	-	97,000	3,000	-	100,000	2023-2024
	1/1/2018	-	84,258	5,742	-	90,000	2023-2024
	5/1/2018	-	87,300	2,700	-	90,000	2023-2024
	6/1/2018	-	33,950	1,050	-	35,000	2023-2024
	7/1/2018	-	84,159	5,841	-	90,000	2023-2024
	10/1/2018	-	24,250	750	-	25,000	2023-2024
	11/1/2018	-	48,500	1,500	-	50,000	2023-2024
	12/1/2018	-	67,900	2,100	-	70,000	2023-2024
	1/1/2019	-	267,592	12,408	-	280,000	2023-2024
	7/1/2019	-	50,726	4,274	-	55,000	2023-2024
Total 2012 B		-	4,398,611	161,389	-	4,560,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2012 C	9/1/2012	\$ -	\$ 160,000	\$ 5,000	\$ -	165,000	2025 & 2029
	10/1/2012	-	380,000	10,000	-	390,000	2025 & 2029
	11/1/2012	-	605,000	20,000	-	625,000	2025 & 2029
	12/1/2012	-	252,893	7,107	-	260,000	2025 & 2029
	1/1/2013	-	1,072,839	32,161	-	1,105,000	2025 & 2029
	5/1/2013	-	577,700	17,300	-	595,000	2025 & 2029
	6/1/2013	-	184,491	5,509	-	190,000	2025 & 2029
	7/1/2013	-	790,300	19,700	-	810,000	2025 & 2029
	10/1/2013	-	354,388	10,612	-	365,000	2025 & 2029
	11/1/2013	-	330,021	9,979	-	340,000	2025 & 2029
	12/1/2013	-	325,249	9,751	-	335,000	2025 & 2029
	1/1/2014	-	170,028	4,972	-	175,000	2025 & 2029
	4/1/2014	-	29,192	808	-	30,000	2025 & 2029
	5/1/2014	-	160,349	4,651	-	165,000	2025 & 2029
	6/1/2014	-	380,163	9,837	-	390,000	2025 & 2029
	7/1/2014	-	146,980	13,020	-	160,000	2025 & 2029
	10/1/2014	-	67,658	2,342	-	70,000	2025 & 2029
	11/1/2014	-	203,700	6,300	-	210,000	2025 & 2029
	12/1/2014	-	585,739	19,261	-	605,000	2025 & 2029
	1/1/2015	-	132,872	12,128	-	145,000	2025 & 2029
	5/1/2015	-	184,058	5,942	-	190,000	2025 & 2029
	6/1/2015	-	295,380	9,620	-	305,000	2025 & 2029
	7/1/2015	-	246,739	18,261	-	265,000	2025 & 2029
	11/1/2015	-	87,300	2,700	-	90,000	2025 & 2029
	12/1/2015	-	470,450	14,550	-	485,000	2025 & 2029
	1/1/2016	-	409,825	25,175	-	435,000	2025 & 2029
	5/1/2016	-	101,850	3,150	-	105,000	2025 & 2029
	6/1/2016	-	164,900	5,100	-	170,000	2025 & 2029
	7/1/2016	-	737,700	37,300	-	775,000	2025 & 2029
	10/1/2016	-	194,000	6,000	-	200,000	2025 & 2029
11/1/2016	-	421,950	13,050	-	435,000	2025 & 2029	
12/1/2016	-	388,000	12,000	-	400,000	2025 & 2029	
1/1/2017	-	520,974	29,026	-	550,000	2025 & 2029	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	5/1/2017	-	257,050	7,950	-	265,000	2025 & 2029
	6/1/2017	-	257,050	7,950	-	265,000	2025 & 2029
	7/1/2017	-	266,142	18,858	-	285,000	2025 & 2029
	10/1/2017	-	19,400	600	-	20,000	2025 & 2029
	11/1/2017	-	504,400	15,600	-	520,000	2025 & 2029
	12/1/2017	-	339,500	10,500	-	350,000	2025 & 2029
	1/1/2018	-	294,905	20,095	-	315,000	2025 & 2029
	5/1/2018	-	295,850	9,150	-	305,000	2025 & 2029
	6/1/2018	-	126,100	3,900	-	130,000	2025 & 2029
	7/1/2018	-	285,207	19,793	-	305,000	2025 & 2029
	10/1/2018	-	77,600	2,400	-	80,000	2025 & 2029
	11/1/2018	-	164,900	5,100	-	170,000	2025 & 2029
	12/1/2018	-	242,500	7,500	-	250,000	2025 & 2029
	1/1/2019	-	936,573	43,427	-	980,000	2025 & 2029
	6/1/2019	-	4,850	150	-	5,000	2029
	7/1/2019	-	175,237	14,763	-	190,000	2025 & 2029
Total 2012 C		-	15,379,952	590,048	-	15,970,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2012 D	9/1/2012	\$ -	\$ 85,000	\$ -	\$ -	\$ 85,000	2030
	10/1/2012	-	200,000	5,000	-	205,000	2030
	11/1/2012	-	325,000	10,000	-	335,000	2030
	12/1/2012	-	131,226	3,774	-	135,000	2030
	1/1/2013	-	2,445,851	84,149	-	2,530,000	2030 & 2040
	5/1/2013	-	305,837	9,163	-	315,000	2030
	6/1/2013	-	101,959	3,041	-	105,000	2030
	7/1/2013	-	2,899,477	80,523	-	2,980,000	2030 & 2040
	10/1/2013	-	189,371	5,629	-	195,000	2030
	11/1/2013	-	180,216	4,784	-	185,000	2030
	12/1/2013	-	174,764	5,236	-	180,000	2030
	1/1/2014	-	2,840,481	59,519	-	2,900,000	2030 & 2040
	4/1/2014	-	19,393	607	-	20,000	2030
	5/1/2014	-	86,790	3,210	-	90,000	2030
	6/1/2014	-	2,606,311	78,689	-	2,685,000	2030 & 2040
	7/1/2014	-	535,823	49,177	-	585,000	2030 & 2040
	8/1/2014	-	504,400	15,600	-	520,000	2040
	9/1/2014	-	504,400	15,600	-	520,000	2040
	10/1/2014	-	547,808	17,192	-	565,000	2030 & 2040
	11/1/2014	-	611,100	18,900	-	630,000	2030 & 2040
	12/1/2014	-	826,784	23,216	-	850,000	2030 & 2040
	1/1/2015	-	554,345	50,655	-	605,000	2030 & 2040
	2/1/2015	-	523,800	16,200	-	540,000	2040
	3/1/2015	-	523,800	16,200	-	540,000	2040
	4/1/2015	-	528,650	16,350	-	545,000	2040
	5/1/2015	-	625,795	19,205	-	645,000	2040
	6/1/2015	-	683,313	21,687	-	705,000	2030 & 2040
	7/1/2015	-	638,469	46,531	-	685,000	2030 & 2040
	8/1/2015	-	261,900	8,100	-	270,000	2040
	9/1/2015	-	761,450	23,550	-	785,000	2040
	11/1/2015	-	1,071,850	33,150	-	1,105,000	2030 & 2040
	12/1/2015	-	761,450	23,550	-	785,000	2030 & 2040
	1/1/2016	-	716,015	43,985	-	760,000	2030 & 2040
	2/1/2016	-	494,700	15,300	-	510,000	2040
	3/1/2016	-	494,700	15,300	-	510,000	2040
	4/1/2016	-	494,700	15,300	-	510,000	2040
	5/1/2016	-	548,050	16,950	-	565,000	2030 & 2040
	6/1/2016	-	582,000	18,000	-	600,000	2030 & 2040
	7/1/2016	-	880,480	44,520	-	925,000	2030 & 2040
	8/1/2016	-	475,300	14,700	-	490,000	2040
	9/1/2016	-	475,300	14,700	-	490,000	2040
	10/1/2016	-	582,000	18,000	-	600,000	2030 & 2040
	11/1/2016	-	698,400	21,600	-	720,000	2030 & 2040
	12/1/2016	-	679,000	21,000	-	700,000	2030 & 2040
	1/1/2017	-	743,573	41,427	-	785,000	2030 & 2040
	2/1/2017	-	426,800	13,200	-	440,000	2040
	3/1/2017	-	431,650	13,350	-	445,000	2040
	4/1/2017	-	431,650	13,350	-	445,000	2040
	5/1/2017	-	567,450	17,550	-	585,000	2030 & 2040

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	6/1/2017	-	567,450	17,550	-	585,000	2030 & 2040
	7/1/2017	-	560,298	39,702	-	600,000	2030 & 2040
	8/1/2017	-	397,700	12,300	-	410,000	2040
	9/1/2017	-	402,550	12,450	-	415,000	2040
	10/1/2017	-	412,250	12,750	-	425,000	2030 & 2040
	11/1/2017	-	669,300	20,700	-	690,000	2030 & 2040
	12/1/2017	-	577,150	17,850	-	595,000	2030 & 2040
	1/1/2018	-	547,680	37,320	-	585,000	2030 & 2040
	2/1/2018	-	373,450	11,550	-	385,000	2040
	3/1/2018	-	378,300	11,700	-	390,000	2040
	4/1/2018	-	373,450	11,550	-	385,000	2040
	5/1/2018	-	533,500	16,500	-	550,000	2040
	6/1/2018	-	436,500	13,500	-	450,000	2030 & 2040
	7/1/2018	-	518,983	36,017	-	555,000	2030 & 2040
	8/1/2018	-	349,200	10,800	-	360,000	2040
	9/1/2018	-	349,200	10,800	-	360,000	2040
	10/1/2018	-	392,850	12,150	-	405,000	2030 & 2040
	11/1/2018	-	436,500	13,500	-	450,000	2030 & 2040
	12/1/2018	-	480,150	14,850	-	495,000	2030 & 2040
	1/1/2019	-	845,783	39,217	-	885,000	2030 & 2040
	2/1/2019	-	324,950	10,050	-	335,000	2040
	3/1/2019	-	329,800	10,200	-	340,000	2040
	4/1/2019	-	324,950	10,050	-	335,000	2040
	5/1/2019	-	329,800	10,200	-	340,000	2040
	6/1/2019	-	324,950	10,050	-	335,000	2040
	7/1/2019	-	405,811	34,189	-	440,000	2040
	8/1/2019	-	300,700	9,300	-	310,000	2040
	9/1/2019	-	305,550	9,450	-	315,000	2040
Total 2012 D		-	45,027,336	1,602,664	-	46,630,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2013 A	12/1/2013	\$ -	\$ 33,994	\$ 1,006	\$ -	\$ 35,000	2014-2016
	1/1/2014	-	1,294,914	40,086	-	1,335,000	2014-2016 & 2031
	6/1/2014	-	1,398,452	41,548	-	1,440,000	2014-2016 & 2031
	7/1/2014	-	299,101	25,899	-	325,000	2015-2016 & 2031
	8/1/2014	-	218,250	6,750	-	225,000	2031
	9/1/2014	-	164,900	5,100	-	170,000	2031
	10/1/2014	-	509,250	15,750	-	525,000	2031
	11/1/2014	-	295,850	9,150	-	305,000	2031
	12/1/2014	-	315,129	9,871	-	325,000	2015-2016 & 2031
	1/1/2015	-	347,234	22,766	-	370,000	2015-2016 & 2031
	2/1/2015	-	320,100	9,900	-	330,000	2031
	3/1/2015	-	320,100	9,900	-	330,000	2031
	4/1/2015	-	324,950	10,050	-	335,000	2031
	5/1/2015	-	320,100	9,900	-	330,000	2031
	6/1/2015	-	324,829	10,171	-	335,000	2016 & 2031
	7/1/2015	-	346,937	23,063	-	370,000	2016 & 2031
	8/1/2015	-	334,650	10,350	-	345,000	2031
	9/1/2015	-	339,500	10,500	-	350,000	2031
	11/1/2015	-	679,000	21,000	-	700,000	2031
	12/1/2015	-	368,600	11,400	-	380,000	2016 & 2031
	1/1/2016	-	309,633	40,367	-	350,000	2031
	2/1/2016	-	339,500	10,500	-	350,000	2031
	3/1/2016	-	339,500	10,500	-	350,000	2031
	4/1/2016	-	344,350	10,650	-	355,000	2031
	5/1/2016	-	169,750	5,250	-	175,000	2031
	6/1/2016	-	509,250	15,750	-	525,000	2031
	7/1/2016	-	337,697	17,303	-	355,000	2031
	8/1/2016	-	324,950	10,050	-	335,000	2031
	9/1/2016	-	324,950	10,050	-	335,000	2031
	10/1/2016	-	324,950	10,050	-	335,000	2031
	11/1/2016	-	324,950	10,050	-	335,000	2031
	12/1/2016	-	324,950	10,050	-	335,000	2031
	1/1/2017	-	313,585	26,415	-	340,000	2031
	2/1/2017	-	310,400	9,600	-	320,000	2031
	3/1/2017	-	310,400	9,600	-	320,000	2031
	4/1/2017	-	310,400	9,600	-	320,000	2031
	5/1/2017	-	310,400	9,600	-	320,000	2031
	6/1/2017	-	310,400	9,600	-	320,000	2031
	7/1/2017	-	282,857	37,143	-	320,000	2031
	8/1/2017	-	208,550	6,450	-	215,000	2031
	9/1/2017	-	208,550	6,450	-	215,000	2031
	10/1/2017	-	344,350	10,650	-	355,000	2031
	11/1/2017	-	257,050	7,950	-	265,000	2031
	12/1/2017	-	252,200	7,800	-	260,000	2031
	1/1/2018	-	247,113	17,887	-	265,000	2031
	2/1/2018	-	227,950	7,050	-	235,000	2031
	3/1/2018	-	232,800	7,200	-	240,000	2031
	4/1/2018	-	232,800	7,200	-	240,000	2031
	5/1/2018	-	227,950	7,050	-	235,000	2031

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	6/1/2018	-	232,800	7,200	-	240,000	2031
	7/1/2018	-	210,519	29,481	-	240,000	2031
	8/1/2018	-	189,150	5,850	-	195,000	2031
	9/1/2018	-	232,800	7,200	-	240,000	2031
	10/1/2018	-	208,550	6,450	-	215,000	2031
	11/1/2018	-	213,400	6,600	-	220,000	2031
	12/1/2018	-	208,550	6,450	-	215,000	2031
	1/1/2019	-	209,375	10,625	-	220,000	2031
	2/1/2019	-	189,150	5,850	-	195,000	2031
	3/1/2019	-	189,150	5,850	-	195,000	2031
	4/1/2019	-	194,000	6,000	-	200,000	2031
	5/1/2019	-	189,150	5,850	-	195,000	2031
	6/1/2019	-	189,150	5,850	-	195,000	2031
	7/1/2019	-	182,054	17,946	-	200,000	2031
	8/1/2019	-	169,750	5,250	-	175,000	2031
	9/1/2019	-	169,750	5,250	-	175,000	2031
Total 2013 A		-	20,295,323	799,677	-	21,095,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2013 C	12/1/2013	\$ -	\$ 199,105	\$ 5,895	\$ -	205,000	2020-2023, 2033, 2038 & 2043
	1/1/2014	-	542,649	17,351	-	560,000	2019-2023, 2033, 2038 & 2043
	6/1/2014	-	417,818	12,182	-	430,000	2019-2023, 2033, 2038 & 2043
	7/1/2014	-	358,330	31,670	-	390,000	2019-2023, 2033, 2038 & 2043
	12/1/2014	-	189,077	5,923	-	195,000	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
	1/1/2016	-	70,773	9,227	-	80,000	2021-2023, 2033, 2038 & 2043
	6/1/2016	-	29,100	900	-	30,000	2023, 2033, 2038 & 2043
	7/1/2016	-	1,350,788	69,212	-	1,420,000	2019-2023, 2033, 2038 & 2043
	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
Total 2013 C		-	12,162,659	592,341	-	12,755,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2014 A	8/1/2014	\$ -	\$ 150,350	\$ 4,650	\$ -	155,000	2038
	9/1/2014	-	169,750	5,250	-	175,000	2017-2018, 2027 & 2038
	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	-	684,900	50,100	-	735,000	2017-2024, 2027 & 2038
	2/1/2017	-	227,950	7,050	-	235,000	2038
	3/1/2017	-	227,950	7,050	-	235,000	2038
	4/1/2017	-	402,550	12,450	-	415,000	2017-2024, 2027 & 2038
	5/1/2017	-	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	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	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	2038
	9/1/2018	-	397,700	12,300	-	410,000	2019-2024, 2027 & 2038
	10/1/2018	-	669,300	20,700	-	690,000	2019-2024, 2027 & 2038
	11/1/2018	-	368,600	11,400	-	380,000	2019-2024, 2027 & 2038
	12/1/2018	-	761,450	23,550	-	785,000	2019-2024, 2027 & 2038
	1/1/2019	-	1,442,900	62,100	-	1,505,000	2019-2024, 2027 & 2038
	2/1/2019	-	184,300	5,700	-	190,000	2038
	3/1/2019	-	189,150	5,850	-	195,000	2038
	4/1/2019	-	591,700	18,300	-	610,000	2019-2024, 2027 & 2038
	5/1/2019	-	451,050	13,950	-	465,000	2019-2024, 2027 & 2038
	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
Total 2014 A		-	26,875,400	1,089,600	-	27,965,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2014 B	8/1/2014	\$ -	\$ 232,800	\$ 7,200	\$ -	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	-	220,000	2038
	9/1/2017	-	213,400	6,600	-	220,000	2038
	10/1/2017	-	596,550	18,450	-	615,000	2018-2026 & 2038
	11/1/2017	-	645,050	19,950	-	665,000	2018-2026 & 2038
	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	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	12/1/2018	-	1,081,550	33,450	-	1,115,000	2019-2026 & 2038
	1/1/2019	-	1,590,950	64,050	-	1,655,000	2019-2026 & 2038
	2/1/2019	-	189,150	5,850	-	195,000	2038
	3/1/2019	-	189,150	5,850	-	195,000	2038
	4/1/2019	-	514,100	15,900	-	530,000	2019-2026 & 2038
	5/1/2019	-	368,600	11,400	-	380,000	2019-2026 & 2038
	6/1/2019	-	683,850	21,150	-	705,000	2019-2026 & 2038
	7/1/2019	-	514,650	25,350	-	540,000	2020-2026 & 2038
	8/1/2019	-	169,750	5,250	-	175,000	2038
	9/1/2019	-	174,600	5,400	-	180,000	2038
Total 2014 B		-	27,922,500	1,117,500	-	29,040,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2014 C	4/1/2015	\$ -	\$ 1,934,000	\$ 61,000	\$ -	1,995,000	2015-2020, 2022-2025 & 2045
	5/1/2015	-	912,067	27,933	-	940,000	2015-2020, 2022-2025 & 2045
	6/1/2015	-	1,274,619	40,381	-	1,315,000	2015-2020, 2022-2025 & 2045
	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	-	945,000	2019-2025 & 2045
	11/1/2017	-	1,435,600	44,400	-	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
	3/1/2018	-	839,050	25,950	-	865,000	2045
	4/1/2018	-	839,050	25,950	-	865,000	2045
	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

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
	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
	7/1/2019	-	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
Total 2014 C		-	59,026,981	2,253,019	-	61,280,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2014 D	4/1/2015	\$ -	\$ 58,365	\$ 1,635	\$ -	60,000	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
Total 2014 D		-	2,224,254	90,746	-	2,315,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including 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	-	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	-	1,309,500	40,500	-	1,350,000	2020-2022, 2026, 2029 & 2032
	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
Total 2014 E		-	25,835,814	1,084,186	-	26,920,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2015 A	12/1/2015	\$ -	\$ 989,400	\$ 30,600	\$ -	1,020,000	2041
	1/1/2016	-	212,788	42,212	-	255,000	2041
	3/1/2016	-	722,650	22,350	-	745,000	2041
	4/1/2016	-	363,750	11,250	-	375,000	2041
	5/1/2016	-	363,750	11,250	-	375,000	2041
	6/1/2016	-	363,750	11,250	-	375,000	2041
	7/1/2016	-	357,527	17,473	-	375,000	2041
	8/1/2016	-	407,400	12,600	-	420,000	2041
	9/1/2016	-	412,250	12,750	-	425,000	2041
	10/1/2016	-	412,250	12,750	-	425,000	2041
	11/1/2016	-	407,400	12,600	-	420,000	2041
	12/1/2016	-	412,250	12,750	-	425,000	2041
	1/1/2017	-	374,554	50,446	-	425,000	2041
	2/1/2017	-	455,900	14,100	-	470,000	2041
	3/1/2017	-	455,900	14,100	-	470,000	2041
	4/1/2017	-	455,900	14,100	-	470,000	2041
	5/1/2017	-	455,900	14,100	-	470,000	2041
	6/1/2017	-	455,900	14,100	-	470,000	2041
	7/1/2017	-	445,818	24,182	-	470,000	2041
	8/1/2017	-	494,700	15,300	-	510,000	2041
	9/1/2017	-	494,700	15,300	-	510,000	2041
	10/1/2017	-	499,550	15,450	-	515,000	2041
	11/1/2017	-	494,700	15,300	-	510,000	2041
	12/1/2017	-	494,700	15,300	-	510,000	2041
	1/1/2018	-	487,222	27,778	-	515,000	2041
	2/1/2018	-	509,250	15,750	-	525,000	2041
	3/1/2018	-	509,250	15,750	-	525,000	2041
	4/1/2018	-	509,250	15,750	-	525,000	2041
	5/1/2018	-	509,250	15,750	-	525,000	2041
	6/1/2018	-	509,250	15,750	-	525,000	2041
	7/1/2018	-	496,994	28,006	-	525,000	2041
	8/1/2018	-	485,000	15,000	-	500,000	2041
	9/1/2018	-	489,850	15,150	-	505,000	2041
	10/1/2018	-	489,850	15,150	-	505,000	2041
	11/1/2018	-	485,000	15,000	-	500,000	2041
	12/1/2018	-	489,850	15,150	-	505,000	2041
	1/1/2019	-	483,632	21,368	-	505,000	2041
	2/1/2019	-	465,600	14,400	-	480,000	2041
	3/1/2019	-	465,600	14,400	-	480,000	2041
	4/1/2019	-	465,600	14,400	-	480,000	2041
	5/1/2019	-	465,600	14,400	-	480,000	2041
	6/1/2019	-	465,600	14,400	-	480,000	2041
	7/1/2019	-	456,320	28,680	-	485,000	2041
	8/1/2019	-	446,200	13,800	-	460,000	2041
	9/1/2019	-	446,200	13,800	-	460,000	2041
Total 2015 A		-	21,133,755	791,245	-	21,925,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2015 C	12/1/2015	\$ -	\$ 1,678,100	\$ 51,900	\$ -	1,730,000	2016-2026 & 2031
	1/1/2016	-	20,862	4,138	-	25,000	2025-2026 & 2031
	5/1/2016	-	281,300	8,700	-	290,000	2016-2026 & 2031
	6/1/2016	-	169,750	5,250	-	175,000	2016-2026 & 2031
	7/1/2016	-	2,245,273	109,727	-	2,355,000	2017-2026 & 2031
	9/1/2016	-	9,700	300	-	10,000	2026 & 2031
	10/1/2016	-	645,050	19,950	-	665,000	2017-2026 & 2031
	11/1/2016	-	620,800	19,200	-	640,000	2017-2026 & 2031
	12/1/2016	-	2,628,700	81,300	-	2,710,000	2017-2026 & 2031
	1/1/2017	-	30,846	4,154	-	35,000	2025-2026 & 2031
	5/1/2017	-	1,261,000	39,000	-	1,300,000	2017-2026 & 2031
	6/1/2017	-	1,348,300	41,700	-	1,390,000	2017-2026 & 2031
	7/1/2017	-	1,285,282	69,718	-	1,355,000	2018-2026 & 2031
	11/1/2017	-	1,498,650	46,350	-	1,545,000	2018-2026 & 2031
	12/1/2017	-	1,915,750	59,250	-	1,975,000	2018-2026 & 2031
	1/1/2018	-	894,028	50,972	-	945,000	2018-2026 & 2031
	6/1/2018	-	514,100	15,900	-	530,000	2018-2026 & 2031
	7/1/2018	-	889,856	50,144	-	940,000	2019-2026 & 2031
	11/1/2018	-	572,300	17,700	-	590,000	2019-2026 & 2031
	12/1/2018	-	1,197,950	37,050	-	1,235,000	2019-2026 & 2031
	1/1/2019	-	2,001,568	88,432	-	2,090,000	2019-2026 & 2031
	6/1/2019	-	19,400	600	-	20,000	2026 & 2031
	7/1/2019	-	522,180	32,820	-	555,000	2020-2026 & 2031
Total 2015 C		-	22,250,745	854,255	-	23,105,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2015 E	4/1/2016	\$ -	\$ 1,561,700	\$ 48,300	\$ -	1,610,000	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	-	1,405,000	2019-2023 & 2046
	1/1/2019	-	1,487,601	67,399	-	1,555,000	2019-2023 & 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	2046	
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	
Total 2015 E		-	38,937,764	1,402,236	-	40,340,000	

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Information as of September 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2015 F							
	6/1/2016	\$ -	\$ 208,550	\$ 6,450	\$ -	215,000	2023-2026 & 2029
	7/1/2016	-	1,807,243	82,757	-	1,890,000	2023-2026 & 2029
	10/1/2016	-	334,650	10,350	-	345,000	2023-2026 & 2029
	11/1/2016	-	693,550	21,450	-	715,000	2023-2026 & 2029
	12/1/2016	-	203,700	6,300	-	210,000	2023-2026 & 2029
	1/1/2017	-	1,638,945	81,055	-	1,720,000	2023-2026 & 2029
	5/1/2017	-	839,050	25,950	-	865,000	2023-2026 & 2029
	6/1/2017	-	1,110,650	34,350	-	1,145,000	2023-2026 & 2029
	7/1/2017	-	672,100	42,900	-	715,000	2023-2026 & 2029
	9/1/2017	-	130,950	4,050	-	135,000	2023-2026 & 2029
	10/1/2017	-	926,350	28,650	-	955,000	2023-2026 & 2029
	11/1/2017	-	1,047,600	32,400	-	1,080,000	2023-2026 & 2029
	12/1/2017	-	800,250	24,750	-	825,000	2023-2026 & 2029
	1/1/2018	-	842,492	47,508	-	890,000	2023-2026 & 2029
	6/1/2018	-	257,050	7,950	-	265,000	2023-2026 & 2029
	7/1/2018	-	1,209,223	60,777	-	1,270,000	2023-2026 & 2029
	11/1/2018	-	518,950	16,050	-	535,000	2023-2026 & 2029
	12/1/2018	-	1,202,800	37,200	-	1,240,000	2023-2026 & 2029
	1/1/2019	-	1,631,099	73,901	-	1,705,000	2023-2026 & 2029
	6/1/2019	-	111,550	3,450	-	115,000	2023-2026 & 2029
	7/1/2019	-	671,884	38,116	-	710,000	2023-2026 & 2029
Total 2015 F		-	16,858,636	686,364	-	17,545,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 A	11/1/2016	\$ -	\$ 2,439,550	\$ 75,450	\$ -	2,515,000	2017-2026, 2031 & 2033
	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	-	426,800	13,200	-	440,000	2018-2026, 2031 & 2033
	7/1/2018	-	1,199,038	50,962	-	1,250,000	2019-2026, 2031 & 2033
	11/1/2018	-	669,300	20,700	-	690,000	2019-2026, 2031 & 2033
	12/1/2018	-	1,120,350	34,650	-	1,155,000	2019-2026, 2031 & 2033
	1/1/2019	-	1,507,089	72,911	-	1,580,000	2019-2026, 2031 & 2033
	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
Total 2016 A		-	17,549,548	650,452	-	18,200,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 B							
	9/1/2016	\$ -	\$ 504,400	\$ 15,600	\$ -	520,000	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
Total 2016 B		-	27,899,050	975,950	-	28,875,000	

Residential Housing Finance Bond Resolution
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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 C	11/1/2016	\$ -	\$ 1,173,700	\$ 36,300	\$ -	1,210,000	2017-2026, 2031 & 2037
	12/1/2016	-	310,400	9,600	-	320,000	2017-2026, 2031 & 2037
	1/1/2017	-	161,373	8,627	-	170,000	2018-2026, 2031 & 2037
	2/1/2017	-	227,950	7,050	-	235,000	2018-2026, 2031 & 2037
	3/1/2017	-	126,100	3,900	-	130,000	2018-2026, 2031 & 2037
	4/1/2017	-	518,950	16,050	-	535,000	2018-2026, 2031 & 2037
	5/1/2017	-	72,750	2,250	-	75,000	2018-2026, 2031 & 2037
	6/1/2017	-	121,250	3,750	-	125,000	2018-2026, 2031 & 2037
	7/1/2017	-	52,503	2,497	-	55,000	2018-2026, 2031 & 2037
	8/1/2017	-	257,050	7,950	-	265,000	2018-2026, 2031 & 2037
	9/1/2017	-	24,250	750	-	25,000	2018-2019, 2031 & 2037
	10/1/2017	-	237,650	7,350	-	245,000	2018-2026, 2031 & 2037
	11/1/2017	-	242,500	7,500	-	250,000	2018-2026, 2031 & 2037
	12/1/2017	-	126,100	3,900	-	130,000	2018-2026, 2031 & 2037
	1/1/2018	-	206,975	13,025	-	220,000	2019-2026, 2031 & 2037
	2/1/2018	-	33,950	1,050	-	35,000	2019, 2026, 2031 & 2037
	3/1/2018	-	164,900	5,100	-	170,000	2019-2026, 2031 & 2037
	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 & 2037
	7/1/2018	-	100,719	4,281	-	105,000	2019 & 2026, 2031 & 2037
	8/1/2018	-	257,050	7,950	-	265,000	2019-2026, 2031 & 2037
	9/1/2018	-	286,150	8,850	-	295,000	2019-2026, 2031 & 2037
	10/1/2018	-	140,650	4,350	-	145,000	2019-2026, 2031 & 2037
	11/1/2018	-	29,100	900	-	30,000	2019 & 2026, 2031 & 2037
	12/1/2018	-	174,600	5,400	-	180,000	2019 & 2026, 2031 & 2037
	1/1/2019	-	257,540	12,460	-	270,000	2019 & 2026, 2031 & 2037
	2/1/2019	-	14,550	450	-	15,000	2026, 2031 & 2037
	3/1/2019	-	169,750	5,250	-	175,000	2020-2026, 2031 & 2037
	4/1/2019	-	24,250	750	-	25,000	2025, 2031 & 2037
	5/1/2019	-	121,250	3,750	-	125,000	2020-2026, 2031 & 2037
	6/1/2019	-	198,850	6,150	-	205,000	2020-2026, 2031 & 2037
	7/1/2019	-	94,641	5,359	-	100,000	2022-2026, 2031 & 2037
	8/1/2019	-	92,150	2,850	-	95,000	2022-2026, 2031 & 2037
	9/1/2019	-	33,950	1,050	-	35,000	2024, 2026, 2031 & 2037
Total 2016 C		-	6,237,851	212,149	-	6,450,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 D	4/1/2017	\$ -	\$ 153,731	\$ 1,269	\$ -	155,000	2017-2020
	6/1/2017	-	133,895	1,105	-	135,000	2017-2020
	7/1/2017	-	186,693	3,307	-	190,000	2018-2021
	9/1/2017	-	34,713	287	-	35,000	2018-2020
	10/1/2017	-	168,608	1,392	-	170,000	2018-2020
	11/1/2017	-	79,345	655	-	80,000	2018-2020
	12/1/2017	-	143,813	1,187	-	145,000	2018-2020
	1/1/2018	-	127,493	2,507	-	130,000	2018-2021
	5/1/2018	-	39,672	328	-	40,000	2018-2020
	6/1/2018	-	109,099	901	-	110,000	2018-2020
	7/1/2018	-	88,236	1,764	-	90,000	2019-2020
	10/1/2018	-	49,591	409	-	50,000	2019-2020
	11/1/2018	-	138,854	1,146	-	140,000	2019-2020
	12/1/2018	-	114,058	942	-	115,000	2019-2020
	1/1/2019	-	118,160	1,840	-	120,000	2019-2020
	7/1/2019	-	54,056	944	-	55,000	2020-2021
Total 2016 D		-	1,740,017	19,983	-	1,760,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2016 E	4/1/2017	\$ -	\$ 1,304,233	\$ 10,767	\$ -	1,315,000	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	-	470,000	2047	
9/1/2019	-	466,152	3,848	-	470,000	2047	
Total 2016 E		-	20,727,656	222,344	-	20,950,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2017 A	11/1/2017	\$ -	\$ 3,348,490	\$ 51,510	\$ -	3,400,000	2018-2027 & 2030
	12/1/2017	-	1,186,744	18,256	-	1,205,000	2018-2027 & 2030
	1/1/2018	-	777,318	17,682	-	795,000	2018-2027 & 2030
	4/1/2018	-	359,470	5,530	-	365,000	2018-2027 & 2030
	5/1/2018	-	270,834	4,166	-	275,000	2018-2027 & 2030
	6/1/2018	-	600,759	9,241	-	610,000	2018-2027 & 2030
	7/1/2018	-	1,157,412	32,588	-	1,190,000	2019-2027 & 2030
	10/1/2018	-	773,107	11,893	-	785,000	2019-2027 & 2030
	11/1/2018	-	886,365	13,635	-	900,000	2019-2027 & 2030
	12/1/2018	-	886,365	13,635	-	900,000	2019-2027 & 2030
	1/1/2019	-	874,545	25,455	-	900,000	2019-2027 & 2030
	5/1/2019	-	349,622	5,378	-	355,000	2019-2027 & 2030
	6/1/2019	-	334,849	5,151	-	340,000	2019-2027 & 2030
	7/1/2019	-	733,751	21,249	-	755,000	2020-2027 & 2030
Total 2017 A		-	12,539,631	235,369	-	12,775,000	

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Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2017 B	10/1/2017	\$ -	\$ 211,743	\$ 3,257	\$ -	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
Total 2017 B		-	8,653,660	151,340	-	8,805,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2017 D	6/1/2018	\$ -	\$ 571,785	\$ 3,215	\$ -	575,000	2018-2028 & 2030
	7/1/2018	-	354,450	5,550	-	360,000	2019-2028 & 2030
	11/1/2018	-	725,919	4,081	-	730,000	2019-2028 & 2030
	12/1/2018	-	497,204	2,796	-	500,000	2019-2028 & 2030
	1/1/2019	-	433,797	6,203	-	440,000	2019-2028 & 2030
	4/1/2019	-	129,273	727	-	130,000	2019-2028 & 2030
	5/1/2019	-	228,714	1,286	-	230,000	2019-2028 & 2030
	6/1/2019	-	178,994	1,006	-	180,000	2019-2028 & 2030
	7/1/2019	-	439,203	5,797	-	445,000	2020-2028 & 2030
Total 2017 D		-	3,559,339	30,661	-	3,590,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including 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	-	432,568	2,432	-	435,000	2034 & 2048
	7/1/2018	-	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	-	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
Total 2017 E		-	7,386,429	53,571	-	7,440,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2018 A	11/1/2018	\$ -	\$ 318,585	\$ 1,415	\$ -	320,000	2019-2028 & 2032
	12/1/2018	-	363,385	1,615	-	365,000	2019-2028 & 2032
	1/1/2019	-	291,628	3,372	-	295,000	2019-2028 & 2032
	2/1/2019	-	29,867	133	-	30,000	2027-2028 & 2032
	3/1/2019	-	452,987	2,013	-	455,000	2019-2028 & 2032
	4/1/2019	-	457,965	2,035	-	460,000	2019-2028 & 2032
	5/1/2019	-	348,452	1,548	-	350,000	2019-2028 & 2032
	6/1/2019	-	358,407	1,593	-	360,000	2019-2028 & 2032
	7/1/2019	-	440,165	4,835	-	445,000	2020-2028 & 2032
	8/1/2019	-	338,496	1,504	-	340,000	2020-2028 & 2032
Total 2018 A		-	3,399,937	20,063	-	3,420,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2018 B	10/1/2018	\$ -	\$ 258,850	\$ 1,150	\$ -	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
Total 2018 B		-	3,837,940	22,060	-	3,860,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2018 C	2/1/2019	\$ -	\$ 39,823	\$ 177	\$ -	40,000	2023-2024, 2027-2028, 2033 & 2040
	3/1/2019	-	9,956	44	-	10,000	2028 & 2040
	4/1/2019	-	89,602	398	-	90,000	2022-2028, 2033 & 2040
	7/1/2019	-	49,457	543	-	50,000	2023-2028, 2033 & 2040
	8/1/2019	-	64,712	288	-	65,000	2023-2028, 2033 & 2040
	9/1/2019	-	134,403	597	-	135,000	2020-2028, 2033 & 2040
Total 2018 C		-	387,953	2,047	-	390,000	

Residential Housing Finance Bond Resolution
Source of Funds Used to Call Bonds
Information as of September 30, 2019



Series	Bond Call Date	Unexpended Proceeds	Series Excess Revenues (including Prepayments)	Reserve Excess	Other	Total Bonds Called	Maturity Date(s) of Bond(s) Called
2018 E	5/1/2019	\$ -	\$ 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
Total 2018 E		-	955,000	-	-	955,000	
2018 F	5/1/2019	\$ -	\$ 105,000	\$ -	\$ -	105,000	2019-2026
	7/1/2019	-	60,000	-	-	60,000	2021-2026
Total 2018 F		-	165,000	-	-	165,000	
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
Total 2018 G		-	280,000	-	-	280,000	
2019 B	7/1/2019	\$ -	\$ 165,000	\$ -	\$ -	165,000	2049
	8/1/2019	-	238,815	1,185	-	240,000	2049
	9/1/2019	-	238,815	1,185	-	240,000	2049
Total 2019 B		-	642,630	2,370	-	645,000	
2019 C	8/1/2019	\$ -	\$ 114,432	\$ 568	\$ -	115,000	2049
	9/1/2019	-	79,605	395	-	80,000	2024-2028, 2034 & 2042
Total 2019 C		-	194,037	963	-	195,000	
Total		\$ -	\$ 538,669,910	\$ 17,304,874	\$ 3,415,216	\$ 559,585,000	

**Residential Housing Finance Bond Resolution
Interest Rate Swaps
Information as of September 30, 2019**



<u>Associated Bond Series</u>	<u>09/30/2019 Notional Amounts</u>	<u>Effective Date</u>	<u>Swap Maturity Date</u>	<u>Fixed Rate Payable</u>	<u>Variable Rate Receivable</u>	<u>09/30/2019 GASB72 Fair Value¹</u>
Counterparty: The Bank of New York Mellon						
Moody's Aa2 (stable outlook) / Standard & Poor's AA- (stable outlook)						
RHFB 2018D	\$ 35,000,000	June 28, 2018	January 1, 2045	3.1875%	70% of 1 month LIBOR ² plus 0.43% per annum	\$ (2,108,783)
RHFB 2019H	43,985,000	September 11, 2019	January 1, 2047	2.1500%	1 month LIBOR ²	\$ 492,174
	<u>\$ 78,985,000</u>					<u>\$ (1,616,609)</u>

**Residential Housing Finance Bond Resolution
Interest Rate Swaps
Information as of September 30, 2019**



<u>Associated Bond Series</u>	<u>09/30/2019 Notional Amounts</u>	<u>Effective Date</u>	<u>Swap Maturity Date</u>	<u>Fixed Rate Payable</u>	<u>Variable Rate Receivable</u>	09/30/2019 GASB72 Fair Value¹
Counterparty: Royal Bank of Canada						
Moody's Aa2 (stable outlook) / Standard & Poor's AA- (stable outlook)						
RHFB 2015D	18,225,000	August 11, 2015	January 1, 2046	2.343%	67% of 1 month LIBOR ²	(601,414)
RHFB 2015G	35,000,000	December 8, 2015	January 1, 2034	1.953%	67% of 1 month LIBOR ²	(893,886)
RHFB 2016F	50,000,000	December 22, 2016	January 1, 2041	2.175%	67% of 1 month LIBOR ²	(2,015,183)
RHFB 2018H	35,000,000	December 12, 2018	July 1, 2041	2.8035%	70% of 1 month LIBOR ²	(2,796,732)
RHFB 2019D	45,000,000	April 11, 2019	January 1, 2042	2.4090%	70% of 1 month LIBOR ²	(2,781,316)
	<u>\$ 183,225,000</u>					<u>\$ (9,088,532)</u>

**Residential Housing Finance Bond Resolution
Interest Rate Swaps
Information as of September 30, 2019**



<u>Associated Bond Series</u>	<u>09/30/2019 Notional Amounts</u>	<u>Effective Date</u>	<u>Swap Maturity Date</u>	<u>Fixed Rate Payable</u>	<u>Variable Rate Receivable</u>	09/30/2019 GASB72 Fair Value¹
Counterparty: Wells Fargo Bank, NA						
Moody's Aa2 (negative outlook) / Standard & Poor's A+(stable outlook)						
RHFB 2017C	40,000,000	January 1, 2019	January 1, 2038	2.180%	67% of 1 month LIBOR ²	(1,843,572)
RHFB 2017F	40,000,000	December 21, 2017	January 1, 2041	2.261%	67% of 1 month LIBOR ²	(1,529,828)
	<u>\$ 80,000,000</u>					<u>\$ (3,373,400)</u>
	<u>\$ 342,210,000</u>					<u>\$ (14,078,541)</u>

¹A positive fair value represents money due to the Agency by the counterparty upon an assumed termination on September 30, 2019. A negative number represents money payable by the Agency. The fair values as of September 30, 2019 were calculated by a consultant engaged by the Agency.

²London Interbank Offered Rate

**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2006 Series N

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority A)	(Note A)
--	7/1/2008	Serial	5.230	\$ 260,000	\$ 260,000	\$ -	\$ -	-	N/A
--	7/1/2009	Serial	5.190	275,000	275,000	-	-	-	N/A
--	7/1/2010	Serial	5.200	290,000	290,000	-	-	-	N/A
--	7/1/2011	Serial	5.270	305,000	300,000	5,000	-	-	N/A
--	7/1/2012	Serial	5.360	320,000	315,000	5,000	-	-	N/A
--	7/1/2013	Serial	5.410	335,000	325,000	10,000	-	-	N/A
--	7/1/2014	Serial	5.460	355,000	335,000	20,000	-	-	N/A
--	7/1/2015	Serial	5.490	375,000	330,000	45,000	-	-	N/A
--	7/1/2016	Serial	5.530	390,000	-	390,000	-	-	N/A
60415NH88	1/1/2037	Term (a)	5.760	15,095,000	70,000	14,680,000	345,000	-	1
				\$ 18,000,000	\$ 2,500,000	\$ 15,155,000	\$ 345,000		

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

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, but not in excess of the applicable maximum cumulative amount for each July 1 and January 1 to and including January 1, 2022, on any date during each redemption period at a redemption price equal to the following percentage of the principal amount plus accrued interest: January 1, 2016 and thereafter - 100%.

(a): Sinking fund redemptions began January 1, 2017.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2007 Series M

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority
60415NR20	1/1/2038	Pass Through (a)	6.345	\$ 70,000,000	\$ -	\$ 54,180,000	\$ 15,820,000	None
				<u>\$ 70,000,000</u>	<u>\$ -</u>	<u>\$ 54,180,000</u>	<u>\$ 15,820,000</u>	

(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.

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RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019



Residential Housing Finance Bonds, 2012 Series A

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	1/1/2013	Serial	0.750	\$ 505,000	\$ 485,000	\$ 20,000	\$ -	N/A
--	7/1/2013	Serial	0.850	2,200,000	2,020,000	180,000	-	N/A
--	1/1/2014	Serial	1.100	2,220,000	1,840,000	380,000	-	N/A
--	7/1/2014	Serial	1.200	2,245,000	1,810,000	435,000	-	N/A
--	1/1/2015	Serial	1.500	2,275,000	1,765,000	510,000	-	N/A
--	7/1/2015	Serial	1.600	2,300,000	1,740,000	560,000	-	N/A
--	1/1/2016	Serial	1.850	2,335,000	1,705,000	630,000	-	N/A
--	7/1/2016	Serial	1.950	2,370,000	1,680,000	690,000	-	N/A
60416SAJ9	1/1/2017	Serial	2.250	2,405,000	1,560,000	845,000	-	N/A
60416SAK6	7/1/2017	Serial	2.350	2,445,000	1,495,000	950,000	-	N/A
60416SAL4	1/1/2018	Serial	2.750	2,485,000	1,425,000	1,060,000	-	N/A
60416SAM2	7/1/2018	Serial	2.850	2,530,000	1,390,000	1,140,000	-	N/A
60416SAN0	1/1/2019	Serial	3.050	2,580,000	1,355,000	1,225,000	-	N/A
60416SAP5	7/1/2019	Serial	3.100	2,630,000	1,280,000	1,350,000	-	N/A
60416SAQ3	1/1/2020	Serial	3.350	2,675,000	-	1,370,000	1,305,000	2
60416SAR1	7/1/2020	Serial	3.400	2,730,000	-	1,415,000	1,315,000	2
60416SAS9	1/1/2021	Serial	3.550	2,790,000	-	1,450,000	1,340,000	2
60416SAT7	7/1/2021	Serial	3.550	2,855,000	-	1,490,000	1,365,000	2
60416SAU4	1/1/2022	Serial	3.750	2,920,000	-	1,525,000	1,395,000	2
60416SAV2	7/1/2022	Serial	3.750	2,990,000	-	1,550,000	1,440,000	2
60416SAW0	1/1/2023	Serial	3.900	2,460,000	-	1,275,000	1,185,000	2
				\$ 50,945,000	\$ 21,550,000	\$ 20,050,000	\$ 9,345,000	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2012 Series A, 2012 Series B, 2012 Series C and 2012 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 2012 Series D PAC Term bonds maturing July 1, 2040.

Optional Redemption: Bonds with stated maturities on or after July 1, 2022, 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, 2022 and thereafter - 100%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2012 Series B

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SAX8	1/1/2023	Serial	3.300	\$ 605,000	\$ -	\$ 295,000	\$ 310,000	2
60416SAY6	7/1/2023	Serial	3.300	3,135,000	-	1,545,000	1,590,000	2
60416SAZ3	1/1/2024	Serial	3.450	3,215,000	-	1,610,000	1,605,000	2
60416SBA7	7/1/2024	Serial	3.450	1,875,000	-	1,110,000	765,000	2
				<u>\$ 8,830,000</u>	<u>\$ -</u>	<u>\$ 4,560,000</u>	<u>\$ 4,270,000</u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2012 Series A, 2012 Series B, 2012 Series C and 2012 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 2012 Series D PAC Term bonds maturing July 1, 2040.

Optional Redemption: Bonds with stated maturities on or after July 1, 2022, 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, 2022 and thereafter - 100%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2012 Series C

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SBB5	7/1/2025	Term (a)	3.625	\$ 8,235,000	\$ -	\$ 4,250,000	\$ 3,985,000	2
60416SBC3	1/1/2029	Term (b)	3.850	22,740,000	-	11,720,000	11,020,000	2
				<u>\$ 30,975,000</u>	<u>\$ -</u>	<u>\$ 15,970,000</u>	<u>\$ 15,005,000</u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2012 Series A, 2012 Series B, 2012 Series C and 2012 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 2012 Series D PAC Term bonds maturing July 1, 2040.

Optional Redemption: Bonds with stated maturities on or after July 1, 2022, 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, 2022 and thereafter - 100%.

- (a): Sinking fund redemptions begin July 1, 2024.
- (b): Sinking fund redemptions begin January 1, 2026.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2012 Series D

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SBD1	7/1/2030	Term (a)	3.900	\$ 16,465,000	\$ -	\$ 8,500,000	\$ 7,965,000	2
60416SBE9	7/1/2040	Term (b)	4.000	43,535,000	-	38,130,000	5,405,000	1
				<u>\$ 60,000,000</u>	<u>\$ -</u>	<u>\$ 46,630,000</u>	<u>\$ 13,370,000</u>	

Note A: Priorities cited are for calls made under Special Redemption Provisions from excess revenues (including prepayments) of 2012 Series A, 2012 Series B, 2012 Series C and 2012 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 2012 Series D PAC Term bonds maturing July 1, 2040.

Optional Redemption: Bonds with stated maturities on or after July 1, 2022, 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, 2022 and thereafter - 100%.

- (a): Sinking fund redemptions begin July 1, 2029.
- (b): Sinking fund redemptions begin January 1, 2031.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2013 Series A

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	1/1/2014	Serial	0.400	\$ 1,310,000	\$ 1,310,000	\$ -	\$ -	N/A
--	7/1/2014	Serial	0.500	1,390,000	1,350,000	40,000	-	N/A
--	1/1/2015	Serial	0.625	1,400,000	1,350,000	50,000	-	N/A
--	7/1/2015	Serial	0.750	1,410,000	1,315,000	95,000	-	N/A
--	1/1/2016	Serial	1.050	1,425,000	1,280,000	145,000	-	N/A
--	7/1/2016	Serial	1.150	550,000	490,000	60,000	-	N/A
60416SBU3	7/1/2031	Term (a)	3.000	25,820,000	-	20,705,000	5,115,000	1
				\$ 33,305,000	\$ 7,095,000	\$ 21,095,000	\$ 5,115,000	

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 January 1, 2024.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2013 Series C

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SCJ7	7/1/2019	Serial	1.800	\$ 275,000	\$ 200,000	\$ 75,000	\$ -	N/A
60416SCK4	1/1/2020	Serial	2.000	1,555,000	-	435,000	1,120,000	2
60416SCL2	7/1/2020	Serial	2.100	1,580,000	-	455,000	1,125,000	2
60416SCM0	1/1/2021	Serial	2.300	1,600,000	-	465,000	1,135,000	2
60416SCN8	7/1/2021	Serial	2.350	1,625,000	-	480,000	1,145,000	2
60416SCP3	1/1/2022	Serial	2.550	1,650,000	-	490,000	1,160,000	2
60416SCQ1	7/1/2022	Serial	2.550	1,680,000	-	520,000	1,160,000	2
60416SCR9	1/1/2023	Serial	2.750	1,710,000	-	550,000	1,160,000	2
60416SCS7	7/1/2023	Serial	2.750	1,740,000	-	575,000	1,165,000	2
60416SCT5	7/1/2033	Term (a)	3.600	8,180,000	-	2,465,000	5,715,000	2
60416SCU2	7/1/2038	Term (b)	3.800	11,260,000	-	3,400,000	7,860,000	2
60416SCV0	7/1/2043	Term (c)	3.900	9,455,000	-	2,845,000	6,610,000	2
				\$ 42,310,000	\$ 200,000	\$ 12,755,000	\$ 29,355,000	

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.

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RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019



Residential Housing Finance Bonds, 2014 Series A

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Non-AMT		Principal Outstanding	Call Priority (Note A and B)
					Principal Matured/ Sinking Fund	Principal Redemptions		
--	1/1/2015	Serial	0.250	\$ 1,045,000	\$ 1,030,000	\$ 15,000	\$ -	N/A
--	7/1/2015	Serial	0.350	1,110,000	1,070,000	40,000	-	N/A
--	1/1/2016	Serial	0.450	1,175,000	1,020,000	155,000	-	N/A
--	7/1/2016	Serial	0.550	1,235,000	1,040,000	195,000	-	N/A
60416SFE5	1/1/2017	Serial	0.850	1,280,000	935,000	345,000	-	N/A
60416SFF2	7/1/2017	Serial	0.950	1,270,000	855,000	415,000	-	N/A
60416SFG0	1/1/2018	Serial	1.250	1,260,000	725,000	535,000	-	N/A
60416SFH8	7/1/2018	Serial	1.350	1,245,000	700,000	545,000	-	N/A
60416SFJ4	1/1/2019	Serial	1.650	1,235,000	565,000	670,000	-	N/A
60416SFK1	7/1/2019	Serial	1.750	1,230,000	415,000	815,000	-	N/A
60416SFL9	1/1/2020	Serial	2.100	1,220,000	-	830,000	390,000	2
60416SFM7	7/1/2020	Serial	2.200	1,215,000	-	825,000	390,000	2
60416SFN5	1/1/2021	Serial	2.500	1,210,000	-	820,000	390,000	2
60416SFP0	7/1/2021	Serial	2.600	1,205,000	-	815,000	390,000	2
60416SFQ8	1/1/2022	Serial	2.800	1,200,000	-	810,000	390,000	2
60416SFR6	7/1/2022	Serial	2.900	1,200,000	-	810,000	390,000	2
60416SFS4	1/1/2023	Serial	3.050	1,200,000	-	805,000	395,000	2
60416SFT2	7/1/2023	Serial	3.100	1,200,000	-	805,000	395,000	2
60416SFU9	1/1/2024	Serial	3.300	1,200,000	-	805,000	395,000	2
60416SFW5	7/1/2024	Serial	3.350	1,200,000	-	805,000	395,000	2
60416SFX3	1/1/2027	Term (a)	3.750	5,095,000	-	3,465,000	1,630,000	2
60416SFV7	7/1/2038	Term (b)	4.000	20,770,000	-	12,640,000	8,130,000	1
				\$ 50,000,000	\$ 8,355,000	\$ 27,965,000	\$ 13,680,000	

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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2014 Series B

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Non-AMT		Call Priority (Note A and B)	
					Principal Matured/ Sinking Fund	Principal Redemptions		Principal Outstanding
--	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
60416SGC8	1/1/2017	Serial	0.850	1,255,000	1,010,000	245,000	-	N/A
60416SGD6	7/1/2017	Serial	0.950	1,240,000	905,000	335,000	-	N/A
60416SGE4	1/1/2018	Serial	1.200	1,230,000	770,000	460,000	-	N/A
60416SGF1	7/1/2018	Serial	1.350	1,220,000	665,000	555,000	-	N/A
60416SGG9	1/1/2019	Serial	1.600	1,210,000	480,000	730,000	-	N/A
60416SGH7	7/1/2019	Serial	1.700	1,205,000	305,000	900,000	-	N/A
60416SGJ3	1/1/2020	Serial	2.000	1,195,000	-	915,000	280,000	2
60416SGK0	7/1/2020	Serial	2.100	1,195,000	-	910,000	285,000	2
60416SGL8	1/1/2021	Serial	2.350	1,190,000	-	905,000	285,000	2
60416SGM6	7/1/2021	Serial	2.450	1,185,000	-	900,000	285,000	2
60416SGN4	1/1/2022	Serial	2.700	1,185,000	-	900,000	285,000	2
60416SGP9	7/1/2022	Serial	2.750	1,185,000	-	900,000	285,000	2
60416SGQ7	1/1/2023	Serial	2.950	1,185,000	-	900,000	285,000	2
60416SGR5	7/1/2023	Serial	2.950	1,185,000	-	900,000	285,000	2
60416SGS3	1/1/2024	Serial	3.050	1,190,000	-	905,000	285,000	2
60416SGT1	7/1/2024	Serial	3.050	1,190,000	-	905,000	285,000	2
60416SGW4	1/1/2025	Serial	3.200	1,195,000	-	910,000	285,000	2
60416SGX2	7/1/2025	Serial	3.200	1,200,000	-	915,000	285,000	2
60416SGY0	1/1/2026	Serial	3.350	1,205,000	-	920,000	285,000	2
60416SGU8	7/1/2026	Serial	3.350	380,000	-	295,000	85,000	2
60416SGV6	1/1/2038	Term (a)	4.000	22,460,000	-	13,495,000	8,965,000	1
				\$ 50,000,000	\$ 8,210,000	\$ 29,040,000	\$ 12,750,000	

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 BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019



Residential Housing Finance Bonds, 2014 Series C

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note 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
60416SHD5	1/1/2017	Serial	0.950	3,215,000	2,630,000	585,000	-	N/A
60416SHE3	7/1/2017	Serial	1.050	3,300,000	2,565,000	735,000	-	N/A
60416SHF0	1/1/2018	Serial	1.300	3,350,000	2,465,000	885,000	-	N/A
60416SHG8	7/1/2018	Serial	1.400	3,400,000	2,415,000	985,000	-	N/A
60416SHH6	1/1/2019	Serial	1.700	3,460,000	2,345,000	1,115,000	-	N/A
60416SHJ2	7/1/2019	Serial	1.800	3,510,000	2,265,000	1,245,000	-	N/A
60416SHK9	1/1/2020	Serial	2.050	3,560,000	-	1,270,000	2,290,000	2
60416SHL7	7/1/2020	Serial	2.150	665,000	-	235,000	430,000	2
60416SHQ6	7/1/2022	Serial	2.900	3,900,000	-	1,385,000	2,515,000	2
60416SHR4	1/1/2023	Serial	3.000	3,970,000	-	1,405,000	2,565,000	2
60416SHS2	7/1/2023	Serial	3.050	4,060,000	-	1,435,000	2,625,000	2
60416SHT0	1/1/2024	Serial	3.125	4,145,000	-	1,470,000	2,675,000	2
60416SHU7	7/1/2024	Serial	3.125	4,240,000	-	1,500,000	2,740,000	2
60416SHV5	1/1/2025	Serial	3.200	4,330,000	-	1,535,000	2,795,000	2
60416SHX1	1/1/2045	Term (a)	4.000	84,225,000	-	44,745,000	39,480,000	1
				\$ 143,145,000	\$ 23,750,000	\$ 61,280,000	\$ 58,115,000	

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, 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, 2032.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2014 Series D

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SHZ6	7/1/2025	Serial	3.000	\$ 4,425,000	\$ -	\$ 1,555,000	\$ 2,870,000	2
60416SHY9	1/1/2026	Serial	3.100	2,160,000	-	760,000	1,400,000	2
				<u>\$ 6,585,000</u>	<u>\$ -</u>	<u>\$ 2,315,000</u>	<u>\$ 4,270,000</u>	

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, 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%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2014 Series E

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SHM5	7/1/2020	Serial	2.000	\$ 2,955,000	\$ -	\$ 1,055,000	\$ 1,900,000	2
60416SHN3	1/1/2021	Serial	2.200	3,660,000	-	1,290,000	2,370,000	2
60416SHP8	7/1/2021	Serial	2.300	3,720,000	-	1,325,000	2,395,000	2
60416SHW3	1/1/2022	Serial	2.600	3,815,000	-	1,355,000	2,460,000	2
60416SJC5	1/1/2026	Serial	3.100	2,375,000	-	840,000	1,535,000	2
60416JD3	7/1/2026	Serial	3.100	4,580,000	-	1,620,000	2,960,000	2
60416JA9	7/1/2029	Term (a)	3.350	29,485,000	-	10,435,000	19,050,000	2
60416JB7	1/1/2032	Term (b)	3.500	25,410,000	-	9,000,000	16,410,000	2
				\$ 76,000,000	\$ -	\$ 26,920,000	\$ 49,080,000	

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, 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, 2027.

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2015 Series A

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SKD1	1/1/2041	Term(a)	4.000	\$ 43,070,000	\$ -	\$ 21,925,000	\$ 21,145,000	1
				\$ 43,070,000	\$ -	\$ 21,925,000	\$ 21,145,000	

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.

** 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 BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2015 Series C

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	7/1/2016	Serial	0.400	\$ 1,390,000	\$ 1,340,000	\$ 50,000	\$ -	N/A
60416SKH2	1/1/2017	Serial	0.625	1,575,000	1,360,000	215,000	-	N/A
60416SKJ8	7/1/2017	Serial	0.800	1,590,000	1,305,000	285,000	-	N/A
60416SKK5	1/1/2018	Serial	1.100	1,605,000	1,165,000	440,000	-	N/A
60416SKL3	7/1/2018	Serial	1.200	1,625,000	1,140,000	485,000	-	N/A
60416SKM1	1/1/2019	Serial	1.350	1,645,000	1,065,000	580,000	-	N/A
60416SKN9	7/1/2019	Serial	1.450	1,665,000	1,010,000	655,000	-	N/A
60416SKP4	1/1/2020	Serial	1.700	1,690,000	-	685,000	1,005,000	2
60416SKQ2	7/1/2020	Serial	1.800	1,715,000	-	695,000	1,020,000	2
60416SKR0	1/1/2021	Serial	2.050	1,740,000	-	705,000	1,035,000	2
60416SKS8	7/1/2021	Serial	2.100	1,765,000	-	710,000	1,055,000	2
60416SKT6	1/1/2022	Serial	2.350	1,790,000	-	710,000	1,080,000	2
60416SKU3	7/1/2022	Serial	2.400	1,820,000	-	735,000	1,085,000	2
60416SKV1	1/1/2023	Serial	2.55	1,855,000	-	745,000	1,110,000	2
60416SKW9	7/1/2023	Serial	2.60	1,890,000	-	760,000	1,130,000	2
60416SKX7	1/1/2024	Serial	2.75	1,930,000	-	770,000	1,160,000	2
60416SKY5	7/1/2024	Serial	2.80	1,965,000	-	790,000	1,175,000	2
60416SKZ2	1/1/2025	Serial	2.90	2,005,000	-	800,000	1,205,000	2
60416SLA6	7/1/2025	Serial	2.95	2,050,000	-	815,000	1,235,000	2
60416SLB4	1/1/2026	Serial	3.05	2,090,000	-	850,000	1,240,000	2
60416SLC2	7/1/2026	Serial	3.10	2,135,000	-	875,000	1,260,000	2
60416SLD0	7/1/2031	Term(a)	3.60	24,245,000	-	9,750,000	14,495,000	2
				\$ 61,780,000	\$ 8,385,000	\$ 23,105,000	\$ 30,290,000	

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 January 1, 2027

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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Residential Housing Finance Bonds, 2015 Series D

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SLE8	1/1/2046	Term (a)	Variable*	\$ 18,225,000	\$ -	\$ -	\$ 18,225,000	2
				\$ 18,225,000	\$ -	\$ -	\$ 18,225,000	

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 September 30, 2019 was 1.63%.

** 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 BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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Residential Housing Finance Bonds, 2015 Series E

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
--	7/1/2016	Serial	0.600	\$ 1,800,000	\$ 1,790,000	\$ 10,000	\$ -	N/A
60416SML1	1/1/2017	Serial	1.000	2,220,000	2,035,000	\$ 185,000	-	2
60416SMM9	7/1/2017	Serial	1.110	2,240,000	1,840,000	\$ 400,000	-	2
60416SMN7	1/1/2018	Serial	1.250	2,270,000	1,660,000	\$ 610,000	-	2
60416SMP2	7/1/2018	Serial	1.350	2,295,000	1,610,000	\$ 685,000	-	2
60416SMQ0	1/1/2019	Serial	1.650	2,325,000	1,450,000	\$ 875,000	-	2
60416SMR8	7/1/2019	Serial	1.750	2,360,000	1,350,000	\$ 1,010,000	-	2
60416SMS6	1/1/2020	Serial	1.900	2,395,000	-	\$ 1,075,000	1,320,000	2
60416SMT4	7/1/2020	Serial	2.000	2,435,000	-	\$ 1,085,000	1,350,000	2
60416SMU1	1/1/2021	Serial	2.150	2,475,000	-	\$ 1,100,000	1,375,000	2
60416SMV9	7/1/2021	Serial	2.250	2,515,000	-	\$ 1,120,000	1,395,000	2
60416SMW7	1/1/2022	Serial	2.350	2,560,000	-	\$ 1,145,000	1,415,000	2
60416SMX5	7/1/2022	Serial	2.450	2,610,000	-	\$ 1,165,000	1,445,000	2
60416SMY3	1/1/2023	Serial	2.650	1,930,000	-	\$ 860,000	1,070,000	2
60416SMZ0	1/1/2046	Term(a)	3.500	64,500,000	-	\$ 29,015,000	35,485,000	1
				\$ 96,930,000	\$ 11,735,000	\$ 40,340,000	\$ 44,855,000	

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: July 1, 2025 and thereafter - 100%.

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2015 Series F

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SNA4	1/1/2023	Serial	2.350	\$ 730,000	\$ -	\$ 325,000	\$ 405,000	2
60416SNB2	7/1/2023	Serial	2.400	2,715,000	-	1,200,000	1,515,000	2
60416SNC0	1/1/2024	Serial	2.600	2,770,000	-	1,230,000	1,540,000	2
60416SND8	7/1/2024	Serial	2.650	2,830,000	-	1,255,000	1,575,000	2
60416SNE6	1/1/2025	Serial	2.750	2,890,000	-	1,285,000	1,605,000	2
60416SNF3	7/1/2025	Serial	2.800	2,955,000	-	1,310,000	1,645,000	2
60416SNG1	1/1/2026	Serial	2.900	3,020,000	-	1,345,000	1,675,000	2
60416SNJ5	7/1/2026	Serial	2.950	3,090,000	-	1,380,000	1,710,000	2
60416SNH9	7/1/2029	Term(a)	3.300	18,515,000	-	8,215,000	10,300,000	2
				\$ 39,515,000	\$ -	\$ 17,545,000	\$ 21,970,000	

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: July 1, 2025 and thereafter - 100%.

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
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Residential Housing Finance Bonds, 2015 Series G

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SMG2	1/1/2034	Term (a)	Variable*	\$ 35,000,000	\$ -	\$ -	\$ 35,000,000	2
				\$ 35,000,000	\$ -	\$ -	\$ 35,000,000	

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 September 30, 2019 was 1.58%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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Residential Housing Finance Bonds, 2016 Series A

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SNM8	1/1/2017	Serial	0.850	\$ 695,000	\$ 660,000	\$ 35,000	\$ -	2
60416SNN6	7/1/2017	Serial	0.950	1,125,000	980,000	145,000	-	2
60416SNP1	1/1/2018	Serial	1.050	1,140,000	940,000	200,000	-	2
60416SNQ9	7/1/2018	Serial	1.100	1,145,000	910,000	235,000	-	2
60416SNR7	1/1/2019	Serial	1.250	1,590,000	1,185,000	405,000	-	2
60416SNS5	7/1/2019	Serial	1.300	1,600,000	1,140,000	460,000	-	2
60416SNT3	1/1/2020	Serial	1.500	1,625,000	-	475,000	1,150,000	2
60416SNU0	7/1/2020	Serial	1.550	1,650,000	-	480,000	1,170,000	2
60416SNV8	1/1/2021	Serial	1.700	1,670,000	-	500,000	1,170,000	2
60416SNW6	7/1/2021	Serial	1.750	1,700,000	-	505,000	1,195,000	2
60416SNX4	1/1/2022	Serial	1.950	1,725,000	-	505,000	1,220,000	2
60416SNY2	7/1/2022	Serial	2.000	1,750,000	-	525,000	1,225,000	2
60416SNZ9	1/1/2023	Serial	2.100	1,790,000	-	530,000	1,260,000	2
60416SPA2	7/1/2023	Serial	2.150	1,820,000	-	555,000	1,265,000	2
60416SPB0	1/1/2024	Serial	2.250	1,845,000	-	560,000	1,285,000	2
60416SPC8	7/1/2024	Serial	2.300	1,885,000	-	560,000	1,325,000	2
60416SPD6	1/1/2025	Serial	2.450	1,920,000	-	580,000	1,340,000	2
60416SPE4	7/1/2025	Serial	2.500	1,960,000	-	600,000	1,360,000	2
60416SPF1	1/1/2026	Serial	2.650	1,995,000	-	605,000	1,390,000	2
60416SPG9	7/1/2026	Serial	2.700	2,040,000	-	615,000	1,425,000	2
60416SPH7	7/1/2031	Term (a)	3.100	23,180,000	-	6,950,000	16,230,000	2
60416SPJ3	1/1/2033	Term (b)	3.200	7,285,000	-	2,175,000	5,110,000	2
				\$ 63,135,000	\$ 5,815,000	\$ 18,200,000	\$ 39,120,000	

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, 2027.

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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Residential Housing Finance Bonds, 2016 Series B

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SPK0	7/1/2035	Term (a)	3.100	\$ 15,680,000	\$ -	\$ 4,700,000	\$ 10,980,000	2
60416SPL8	1/1/2037	Term (b)	3.150	9,850,000	-	2,950,000	6,900,000	2
60416SPM6	7/1/2046	Term (c)	3.500	49,455,000	-	21,225,000	28,230,000	1
				<u>\$ 74,985,000</u>	<u>\$ -</u>	<u>\$ 28,875,000</u>	<u>\$ 46,110,000</u>	

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 BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2016 Series C

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Taxable			Call Priority (Note A and B)
					Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	
60416SPN4	1/1/2017	Serial	1.200	\$ 600,000	\$ 540,000	\$ 60,000	\$ -	2
60416SPP9	1/1/2018	Serial	1.550	1,200,000	900,000	300,000	-	2
60416SPQ7	1/1/2019	Serial	1.850	815,000	505,000	310,000	-	2
60416SPR5	1/1/2020	Serial	2.200	425,000	-	155,000	270,000	2
60416SPS3	1/1/2021	Serial	2.450	450,000	-	175,000	275,000	2
60416SPT1	1/1/2022	Serial	2.700	470,000	-	195,000	275,000	2
60416SPU8	1/1/2023	Serial	2.900	500,000	-	225,000	275,000	2
60416SPV6	1/1/2024	Serial	3.050	530,000	-	240,000	290,000	2
60416SPW4	1/1/2025	Serial	3.250	560,000	-	265,000	295,000	2
60416SPX2	1/1/2026	Serial	3.350	590,000	-	295,000	295,000	2
60416SPY0	7/1/2031	Term (a)	3.800	3,900,000	-	1,735,000	2,165,000	2
60416SPZ7	7/1/2037	Term (b)	4.200	5,550,000	-	2,495,000	3,055,000	2
				\$ 15,590,000	\$ 1,945,000	\$ 6,450,000	\$ 7,195,000	

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 July 1, 2026.

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
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Residential Housing Finance Bonds, 2016 Series D

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SSD3	7/1/2017	Serial	1.300	\$ 1,425,000	\$ 1,390,000	\$ 35,000	\$ -	2
60416SSE1	1/1/2018	Serial	1.400	1,580,000	1,450,000	130,000	-	2
60416SSF8	7/1/2018	Serial	1.500	1,600,000	1,415,000	185,000	-	2
60416SSG6	1/1/2019	Serial	1.800	1,615,000	1,330,000	285,000	-	2
60416SSH4	7/1/2019	Serial	1.900	1,640,000	1,300,000	340,000	-	2
60416SSJ0	1/1/2020	Serial	2.050	1,665,000	-	380,000	1,285,000	2
60416SSK7	7/1/2020	Serial	2.150	1,690,000	-	390,000	1,300,000	2
60416SSL5	1/1/2021	Serial	2.300	125,000	-	15,000	110,000	2
				\$ 11,340,000	\$ 6,885,000	\$ 1,760,000	\$ 2,695,000	

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: July 1, 2026 and thereafter - 100%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2016 Series E

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SSM3	1/1/2021	Serial	2.000	\$ 1,590,000	\$ -	\$ 355,000	\$ 1,235,000	2
60416SSN1	7/1/2021	Serial	2.100	1,745,000	-	375,000	1,370,000	2
60416SSP6	1/1/2022	Serial	2.300	1,775,000	-	385,000	1,390,000	2
60416SSQ4	7/1/2022	Serial	2.400	1,810,000	-	405,000	1,405,000	2
60416SSR2	1/1/2023	Serial	2.500	1,840,000	-	405,000	1,435,000	2
60416SSS0	7/1/2023	Serial	2.600	1,875,000	-	410,000	1,465,000	2
60416SST8	1/1/2024	Serial	2.700	1,915,000	-	420,000	1,495,000	2
60416SSU5	7/1/2024	Serial	2.800	1,955,000	-	425,000	1,530,000	2
60416SSV3	1/1/2025	Serial	2.900	1,995,000	-	435,000	1,560,000	2
60416SSW1	7/1/2025	Serial	2.950	2,040,000	-	445,000	1,595,000	2
60416SSX9	1/1/2026	Serial	3.050	2,085,000	-	460,000	1,625,000	2
60416SSY7	7/1/2026	Serial	3.100	2,130,000	-	465,000	1,665,000	2
60416SSZ4	1/1/2027	Serial	3.200	2,175,000	-	480,000	1,695,000	2
60416STA8	7/1/2027	Serial	3.250	2,225,000	-	485,000	1,740,000	2
60416STB6	1/1/2031	Term(a)	3.700	14,320,000	-	3,145,000	11,175,000	2
60416STC4	1/1/2047	Term (b)	4.000	33,530,000	-	11,855,000	21,675,000	1
				\$ 75,005,000	\$ -	\$ 20,950,000	\$ 54,055,000	

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: July 1, 2026 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2028.

(b): Sinking fund redemptions begin July 1, 2041.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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Residential Housing Finance Bonds, 2016 Series F

CUSIP**	Maturity Date	Bond Type	Interest Rate	AMT			Call Priority (Note A and B)	
				Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions		Principal Outstanding
60416SSB7	1/1/2041	Term(a)	Variable*	\$ 50,000,000	\$ -	\$ -	50,000,000	2
				\$ 50,000,000	\$ -	\$ -	50,000,000	

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%.

*Interest on the bonds is adjusted weekly and is determined by a remarketing agent based on market conditions. The interest rate on September 30, 2019 was 1.63%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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Residential Housing Finance Bonds, 2017 Series A

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416STE0	1/1/2018	Serial	1.000	\$ 495,000	\$ 440,000	\$ 55,000	\$ -	2
60416STF7	7/1/2018	Serial	1.100	1,500,000	1,280,000	\$ 220,000	-	2
60416STG5	1/1/2019	Serial	1.350	1,515,000	1,140,000	\$ 375,000	-	2
60416STH3	7/1/2019	Serial	1.400	1,530,000	1,085,000	\$ 445,000	-	2
60416STJ9	1/1/2020	Serial	1.500	1,550,000	-	\$ 480,000	1,070,000	2
60416STK6	7/1/2020	Serial	1.550	1,570,000	-	\$ 485,000	1,085,000	2
60416STL4	1/1/2021	Serial	1.700	1,590,000	-	\$ 490,000	1,100,000	2
60416STM2	7/1/2021	Serial	1.750	1,610,000	-	\$ 490,000	1,120,000	2
60416STN0	1/1/2022	Serial	1.900	1,630,000	-	\$ 490,000	1,140,000	2
60416STP5	7/1/2022	Serial	1.950	1,655,000	-	\$ 505,000	1,150,000	2
60416STQ3	1/1/2023	Serial	2.100	1,680,000	-	\$ 510,000	1,170,000	2
60416STR1	7/1/2023	Serial	2.150	1,705,000	-	\$ 515,000	1,190,000	2
60416STS9	1/1/2024	Serial	2.250	1,730,000	-	\$ 525,000	1,205,000	2
60416STT7	7/1/2024	Serial	2.300	1,760,000	-	\$ 540,000	1,220,000	2
60416STU4	1/1/2025	Serial	2.450	1,790,000	-	\$ 545,000	1,245,000	2
60416STV2	7/1/2025	Serial	2.500	1,820,000	-	\$ 545,000	1,275,000	2
60416STW0	1/1/2026	Serial	2.650	1,855,000	-	\$ 555,000	1,300,000	2
60416STX8	7/1/2026	Serial	2.700	1,890,000	-	\$ 570,000	1,320,000	2
60416STY6	1/1/2027	Serial	2.800	1,925,000	-	\$ 585,000	1,340,000	2
60416STZ3	7/1/2027	Serial	2.850	1,965,000	-	\$ 605,000	1,360,000	2
60416SUA6	7/1/2030	Term(a)	3.200	10,690,000	-	\$ 3,245,000	7,445,000	2
				\$ 43,455,000	\$ 3,945,000	\$ 12,775,000	\$ 26,735,000	

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: January 1, 2027 and thereafter - 100%.

(a): Sinking fund redemptions begin January 1, 2028.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2017 Series B

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SUB4	7/1/2038	Term(a)	3.400	\$ 3,730,000	\$ -	\$ 1,140,000	\$ 2,590,000	2
60416SUC2	7/1/2047	Term (b)	4.000	33,660,000	-	7,665,000	25,995,000	1
				<u>\$ 37,390,000</u>	<u>\$ -</u>	<u>\$ 8,805,000</u>	<u>\$ 28,585,000</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 BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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Residential Housing Finance Bonds, 2017 Series C

CUSIP**	Maturity Date	Bond Type	Interest Rate	AMT			Call Priority (Note A and B)	
				Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions		Principal Outstanding
60416SUD0	1/1/2038	Term(a)	Variable*	\$ 40,000,000	\$ -	\$ -	40,000,000	2
				\$ 40,000,000	\$ -	\$ -	40,000,000	

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 September 30, 2019 was 1.63%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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Residential Housing Finance Bonds, 2017 Series D

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SVE7	7/1/2018	Serial	1.450	\$ 1,250,000	\$ 1,230,000.00	\$ 20,000	\$ -	2
60416SVF4	1/1/2019	Serial	1.700	1,495,000	1,415,000.00	80,000	-	2
60416SVG2	7/1/2019	Serial	1.800	1,510,000	1,390,000.00	120,000	-	2
60416SVH0	1/1/2020	Serial	2.000	1,530,000	-	140,000	1,390,000	2
60416SVJ6	7/1/2020	Serial	2.050	1,550,000	-	145,000	1,405,000	2
60416SVK3	1/1/2021	Serial	2.200	1,575,000	-	145,000	1,430,000	2
60416SVL1	7/1/2021	Serial	2.250	1,595,000	-	145,000	1,450,000	2
60416SVM9	1/1/2022	Serial	2.350	1,620,000	-	150,000	1,470,000	2
60416SVN7	7/1/2022	Serial	2.400	1,645,000	-	150,000	1,495,000	2
60416SVP2	1/1/2023	Serial	2.450	1,670,000	-	155,000	1,515,000	2
60416SVQ0	7/1/2023	Serial	2.500	1,695,000	-	155,000	1,540,000	2
60416SVR8	1/1/2024	Serial	2.550	1,725,000	-	155,000	1,570,000	2
60416SVS6	7/1/2024	Serial	2.600	1,750,000	-	155,000	1,595,000	2
60416SVT4	1/1/2025	Serial	2.750	1,780,000	-	155,000	1,625,000	2
60416SVU1	7/1/2025	Serial	2.800	1,810,000	-	165,000	1,645,000	2
60416SVV9	1/1/2026	Serial	2.900	1,845,000	-	165,000	1,680,000	2
60416SVW7	7/1/2026	Serial	2.900	1,875,000	-	165,000	1,710,000	2
60416SVX5	1/1/2027	Serial	2.950	1,910,000	-	170,000	1,740,000	2
60416SVY3	7/1/2027	Serial	3.000	1,950,000	-	175,000	1,775,000	2
60416SVZ0	1/1/2028	Serial	3.100	1,985,000	-	195,000	1,790,000	2
60416SWA4	7/1/2028	Serial	3.150	2,025,000	-	195,000	1,830,000	2
60416SWB2	1/1/2030	Term(a)	3.300	5,355,000	-	490,000	4,865,000	2
				\$ 41,145,000	\$ 4,035,000.00	\$ 3,590,000	\$ 33,520,000	

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, 2029.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
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Residential Housing Finance Bonds, 2017 Series E

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SWC0	1/1/2034	Term(a)	3.300	\$ 19,235,000	\$ -	\$ 1,765,000	\$ 17,470,000	2
60416SWD8	1/1/2048	Term (b)	4.000	43,840,000	-	5,675,000	38,165,000	1
				<u>\$ 63,075,000</u>	<u>\$ -</u>	<u>\$ 7,440,000</u>	<u>\$ 55,635,000</u>	

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 BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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Residential Housing Finance Bonds, 2017 Series F

CUSIP**	Maturity Date	Bond Type	Interest Rate	Non-AMT			Call Priority (Note A and B)	
				Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions		Principal Outstanding
60416SWE6	1/1/2041	Term(a)	Variable*	\$ 40,000,000	\$ -	\$ -	40,000,000	2
				\$ 40,000,000	\$ -	\$ -	40,000,000	

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 September 30, 2019 was 1.58%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
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Residential Housing Finance Bonds, 2018 Series A

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SWG1	1/1/2019	Serial	1.800	\$ 380,000	\$ 370,000	\$ 10,000	\$ -	2
60416SWH9	7/1/2019	Serial	1.900	575,000	530,000	45,000	-	2
60416SWJ5	1/1/2020	Serial	2.050	575,000	-	60,000	515,000	2
60416SWK2	7/1/2020	Serial	2.200	585,000	-	65,000	520,000	2
60416SWL0	1/1/2021	Serial	2.350	590,000	-	70,000	520,000	2
60416SWM8	7/1/2021	Serial	2.450	600,000	-	80,000	520,000	2
60416SWN6	1/1/2022	Serial	2.500	610,000	-	85,000	525,000	2
60416SWP1	7/1/2022	Serial	2.550	615,000	-	90,000	525,000	2
60416SWQ9	1/1/2023	Serial	2.650	630,000	-	90,000	540,000	2
60416SWR7	7/1/2023	Serial	2.700	570,000	-	60,000	510,000	2
60416SWS5	1/1/2024	Serial	2.850	550,000	-	60,000	490,000	2
60416SWT3	7/1/2024	Serial	2.900	590,000	-	65,000	525,000	2
60416SWU0	1/1/2025	Serial	3.000	930,000	-	105,000	825,000	2
60416SWV8	7/1/2025	Serial	3.050	950,000	-	105,000	845,000	2
60416SWW6	1/1/2026	Serial	3.150	965,000	-	105,000	860,000	2
60416SWX4	7/1/2026	Serial	3.250	985,000	-	115,000	870,000	2
60416SWY2	1/1/2027	Serial	3.350	1,005,000	-	125,000	880,000	2
60416SWZ9	7/1/2027	Serial	3.400	1,030,000	-	130,000	900,000	2
60416SXA3	1/1/2028	Serial	3.450	1,050,000	-	130,000	920,000	2
60416SXB1	7/1/2028	Serial	3.500	1,180,000	-	155,000	1,025,000	2
60416SXC9	7/1/2032	Term(a)	3.625	13,855,000	-	1,670,000	12,185,000	2
				\$ 28,820,000	\$ 900,000	\$ 3,420,000	\$ 24,500,000	

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 #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 January 1, 2029.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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Residential Housing Finance Bonds, 2018 Series B

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SXD7	7/1/2019	Serial	1.700	\$ 100,000	\$ 95,000	\$ 5,000	\$ -	2
60416SXE5	1/1/2020	Serial	1.800	100,000	-	5,000	95,000	2
60416SXF2	7/1/2020	Serial	1.900	100,000	-	5,000	95,000	2
60416SXG0	1/1/2021	Serial	2.000	100,000	-	5,000	95,000	2
60416SXH8	7/1/2021	Serial	2.100	100,000	-	5,000	95,000	2
60416SXJ4	1/1/2022	Serial	2.150	100,000	-	5,000	95,000	2
60416S XK1	7/1/2022	Serial	2.200	100,000	-	5,000	95,000	2
60416SXL9	1/1/2023	Serial	2.300	100,000	-	5,000	95,000	2
60416SXM7	7/1/2023	Serial	2.350	175,000	-	40,000	135,000	2
60416S XN5	1/1/2024	Serial	2.500	200,000	-	40,000	160,000	2
60416SXP0	7/1/2024	Serial	2.550	200,000	-	40,000	160,000	2
60416S XQ8	7/1/2033	Term (a)	3.450	5,380,000	-	645,000	4,735,000	2
60416SXR6	7/1/2037	Term (b)	3.650	11,950,000	-	1,435,000	10,515,000	2
60416SXS4	7/1/2048	Term (c)	4.000	24,975,000	-	1,620,000	23,355,000	1
				\$ 43,680,000	\$ -	\$ 3,860,000	\$ 39,725,000	

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 #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 BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2018 Series C

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Taxable		Principal Outstanding	Call Priority (Note A and B)
					Principal Matured/ Sinking Fund	Principal Redemptions		
60416SXT2	1/1/2019	Serial	2.650	\$ 620,000	\$ 620,000	\$ -	\$ -	2
60416SXU9	7/1/2019	Serial	2.800	700,000	700,000	-	-	2
60416SXV7	1/1/2020	Serial	2.900	720,000	-	-	720,000	2
60416SXW5	7/1/2020	Serial	3.000	735,000	-	5,000	730,000	2
60416SXX3	1/1/2021	Serial	3.050	755,000	-	5,000	750,000	2
60416SXY1	7/1/2021	Serial	3.150	770,000	-	5,000	765,000	2
60416SXZ8	1/1/2022	Serial	3.300	790,000	-	5,000	785,000	2
60416SYA2	7/1/2022	Serial	3.350	810,000	-	10,000	800,000	2
60416SYB0	1/1/2023	Serial	3.450	825,000	-	15,000	810,000	2
60416SYC8	7/1/2023	Serial	3.500	845,000	-	25,000	820,000	2
60416SYD6	1/1/2024	Serial	3.550	870,000	-	25,000	845,000	2
60416SYE4	7/1/2024	Serial	3.600	865,000	-	25,000	840,000	2
60416SYF1	1/1/2025	Serial	3.650	760,000	-	5,000	755,000	2
60416SYG9	7/1/2025	Serial	3.700	775,000	-	5,000	770,000	2
60416SYH7	1/1/202	Serial	3.750	795,000	-	10,000	785,000	2
60416SYJ3	7/1/2026	Serial	3.800	815,000	-	15,000	800,000	2
60416SYK0	1/1/2027	Serial	3.850	835,000	-	20,000	815,000	2
60416SYL8	7/1/2027	Serial	3.900	855,000	-	25,000	830,000	2
60416SYM6	1/1/2028	Serial	3.950	875,000	-	30,000	845,000	2
60416SYN4	7/1/2028	Serial	4.000	795,000	-	10,000	785,000	2
60416SYP9	7/1/2033	Term (a)	4.200	3,385,000	-	55,000	3,330,000	2
60416SYQ7	7/1/2040	Term (b)	4.450	5,805,000	-	95,000	5,710,000	2
				\$ 25,000,000	\$ 1,320,000	\$ 390,000	\$ 23,290,000	

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 #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 January 1, 2029.

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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Residential Housing Finance Bonds, 2018 Series D

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SYR5	1/1/2045	Term(a)	Variable*	\$ 35,000,000	\$ -	\$ -	\$ 35,000,000	3
				\$ 35,000,000	\$ -	\$ -	\$ 35,000,000	

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 September 30, 2019 was 2.01%.

** 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 BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2018 Series E

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SA34	7/1/2019	Serial	2.000	\$ 150,000	\$ 150,000	\$ -	\$ -	2
60416SA42	7/1/2026	Serial	3.000	215,000	-	-	215,000	2
60416SA59	1/1/2027	Serial	3.100	1,195,000	-	10,000	1,185,000	2
60416SA67	7/1/2027	Serial	3.150	1,220,000	-	15,000	1,205,000	2
60416SA75	1/1/2028	Serial	3.300	1,245,000	-	15,000	1,230,000	2
60416SA83	7/1/2028	Serial	3.350	1,275,000	-	15,000	1,260,000	2
60416SA91	1/1/2029	Serial	3.400	1,305,000	-	15,000	1,290,000	2
60416SB25	7/1/2029	Serial	3.450	1,335,000	-	15,000	1,320,000	2
60416SB33	1/1/2030	Serial	3.550	1,365,000	-	15,000	1,350,000	2
60416SB41	7/1/2030	Serial	3.600	1,405,000	-	20,000	1,385,000	2
60416SB58	1/1/2033	Term(a)	3.800	6,840,000	-	75,000	6,765,000	2
60416SB66	1/1/2049	Term(b)	4.250	47,650,000	-	760,000	46,890,000	1
				\$ 65,200,000	\$ 150,000	\$ 955,000	\$ 64,095,000	

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 #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.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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Residential Housing Finance Bonds, 2018 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)
60416SB74	7/1/2019	Serial	2.200	\$ 470,000	\$ 465,000	5,000	\$ -	2
60416SB82	1/1/2020	Serial	2.400	930,000	-	5,000	925,000	2
60416SB90	7/1/2020	Serial	2.500	945,000	-	5,000	940,000	2
60416SC24	1/1/2021	Serial	2.650	960,000	-	10,000	950,000	2
60416SC32	7/1/2021	Serial	2.750	970,000	-	10,000	960,000	2
60416SC40	1/1/2022	Serial	2.850	990,000	-	10,000	980,000	2
60416SC57	7/1/2022	Serial	2.950	1,005,000	-	10,000	995,000	2
60416SC65	1/1/2023	Serial	3.000	1,025,000	-	10,000	1,015,000	2
60416SC73	7/1/2023	Serial	3.050	1,040,000	-	15,000	1,025,000	2
60416SC81	1/1/2024	Serial	3.100	1,060,000	-	15,000	1,045,000	2
60416SC99	7/1/2024	Serial	3.150	1,080,000	-	15,000	1,065,000	2
60416SD23	1/1/2025	Serial	3.250	1,100,000	-	15,000	1,085,000	2
60416SD31	7/1/2025	Serial	3.300	1,125,000	-	15,000	1,110,000	2
60416SD49	1/1/2026	Serial	3.400	1,145,000	-	15,000	1,130,000	2
60416SD49	7/1/2026	Serial	3.500	955,000	-	10,000	945,000	2
				\$ 14,800,000	\$ -	\$ 165,000	\$ 14,170,000	

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 #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%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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Residential Housing Finance Bonds, 2018 Series G

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Taxable			Maturity Date
					Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	
60416SD64	7/1/2019	Serial	3.100	\$ 250,000	\$ 250,000	\$ -	\$ -	2
60416SD72	1/1/2020	Serial	3.150	265,000	-	-	265,000	2
60416SD80	7/1/2020	Serial	3.200	270,000	-	-	270,000	2
60416SD98	1/1/2021	Serial	3.310	275,000	-	-	275,000	2
60416SE22	7/1/2021	Serial	3.360	285,000	-	-	285,000	2
60416SE30	1/1/2022	Serial	3.390	290,000	-	-	290,000	2
60416SE48	7/1/2022	Serial	3.440	300,000	-	-	300,000	2
60416SE55	1/1/2023	Serial	3.500	305,000	-	-	305,000	2
60416SE63	7/1/2023	Serial	3.540	315,000	-	-	315,000	2
60416SE71	1/1/2024	Serial	3.650	320,000	-	-	320,000	2
60416SE89	7/1/2024	Serial	3.700	330,000	-	-	330,000	2
60416SE+8	1/1/2025	Serial	3.750	340,000	-	-	340,000	2
60416SF21	7/1/2025	Serial	3.800	345,000	-	-	345,000	2
60416SF39	1/1/2026	Serial	3.850	355,000	-	-	355,000	2
60416SF47	7/1/2026	Serial	3.900	365,000	-	-	365,000	2
60416SF54	1/1/2027	Serial	4.000	375,000	-	-	375,000	2
60416SF62	7/1/2027	Serial	4.050	385,000	-	-	385,000	2
60416SF70	1/1/2028	Serial	1.100	395,000	-	5,000	390,000	2
60416SF88	7/1/2028	Serial	4.150	405,000	-	15,000	390,000	2
60416SF96	1/1/2029	Serial	4.200	415,000	-	15,000	400,000	2
60416SG20	7/1/2029	Serial	4.250	425,000	-	20,000	405,000	2
60416SG38	7/1/2033	Term (a)	4.450	3,790,000	-	30,000	3,760,000	2
60416SG46	7/1/2038	Term (b)	4.630	5,935,000	-	50,000	5,885,000	2
60416SG53	1/1/2049	Term (c)	4.730	18,265,000	-	145,000	18,120,000	2
				\$ 35,000,000	\$ 250,000	\$ 280,000	\$ 34,470,000	

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 #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 BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
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Residential Housing Finance Bonds, 2018 Series H

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SG61	7/1/2041	Term(a)	Variable*	\$ 35,000,000	\$ -	\$ -	\$ 35,000,000	3
				\$ 35,000,000	\$ -	\$ -	\$ 35,000,000	

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 September 30, 2019 was 2.13%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
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Residential Housing Finance Bonds, 2019 Series A

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SK82	7/1/2019	Serial	1.850	\$ 100,000	\$ 100,000	\$ -	\$ -	2
60416SK90	7/1/2020	Serial	1.950	1,350,000	-	-	1,350,000	2
60416SL24	7/1/2021	Serial	2.150	1,360,000	-	-	1,360,000	2
60416SL32	7/1/2022	Serial	2.250	1,375,000	-	-	1,375,000	2
60416SL40	7/1/2023	Serial	2.400	1,395,000	-	-	1,395,000	2
60416SL57	7/1/2024	Serial	2.450	1,410,000	-	-	1,410,000	2
60416SL65	7/1/2025	Serial	2.625	875,000	-	-	875,000	2
				\$ 7,865,000	\$ 100,000	\$ -	\$ 7,765,000	

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%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
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Residential Housing Finance Bonds, 2019 Series B

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SL73	7/1/2019	Serial	1.600	\$ 240,000	\$ 240,000	\$ -	\$ -	2
60416SL81	1/1/2020	Serial	1.650	1,345,000	-	\$ -	1,345,000	2
60416SL99	1/1/2021	Serial	1.750	1,355,000	-	\$ -	1,355,000	2
60416SM23	1/1/2022	Serial	1.800	1,365,000	-	\$ -	1,365,000	2
60416SM31	1/1/2023	Serial	1.950	1,380,000	-	\$ -	1,380,000	2
60416SM49	1/1/2024	Serial	2.050	1,400,000	-	\$ -	1,400,000	2
60416SM56	1/1/2025	Serial	2.150	1,415,000	-	\$ -	1,415,000	2
60416SM64	7/1/2025	Serial	2.200	550,000	-	\$ -	550,000	2
60416SM72	1/1/2026	Serial	2.350	1,440,000	-	\$ -	1,440,000	2
60416SM80	7/1/2026	Serial	2.375	1,450,000	-	\$ -	1,450,000	2
60416SM98	1/1/2027	Serial	2.500	1,470,000	-	\$ -	1,470,000	2
60416SN22	7/1/2027	Serial	2.550	1,485,000	-	\$ -	1,485,000	2
60416SN30	1/1/2028	Serial	2.650	1,470,000	-	\$ -	1,470,000	2
60416SN48	7/1/2028	Serial	2.700	1,460,000	-	\$ -	1,460,000	2
60416SN55	1/1/2029	Serial	2.850	2,430,000	-	\$ -	2,430,000	2
60416SN63	7/1/2029	Serial	2.900	2,405,000	-	\$ -	2,405,000	2
60416SN71	1/1/2030	Serial	3.000	2,375,000	-	\$ -	2,375,000	2
60416SN89	7/1/2030	Serial	3.000	2,355,000	-	\$ -	2,355,000	2
60416SN97	1/1/2031	Serial	3.100	2,400,000	-	\$ -	2,400,000	2
60416SP20	7/1/2031	Serial	3.150	2,390,000	-	\$ -	2,390,000	2
60416SP38	7/1/2033	Term (a)	3.300	8,565,000	-	\$ -	8,565,000	2
60416SP46	7/1/2049	Term (b)	4.250	57,450,000	-	\$ 645,000	56,805,000	1
				\$ 98,195,000	\$ 240,000	\$ 645,000	\$ 97,310,000	

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, 2032.

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2019 Series C

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Taxable		Principal Outstanding	Call Priority (Note A and B)
					Principal Matured/ Sinking Fund	Principal Redemptions		
60416SH29	1/1/2020	Serial	2.625	\$ 915,000	\$ -	\$ -	915,000	2
60416SH37	7/1/2020	Serial	2.675	940,000	-	-	940,000	2
60416SH45	1/1/2021	Serial	2.725	965,000	-	-	965,000	2
60416SH52	7/1/2021	Serial	2.775	990,000	-	-	990,000	2
60416SH60	1/1/2022	Serial	2.847	1,015,000	-	-	1,015,000	2
60416SH78	7/1/2022	Serial	2.897	1,040,000	-	5,000	1,035,000	2
60416SH86	1/1/2023	Serial	2.942	1,070,000	-	5,000	1,065,000	2
60416SH94	7/1/2023	Serial	2.992	1,095,000	-	5,000	1,090,000	2
60416SJ27	1/1/2024	Serial	3.042	1,125,000	-	5,000	1,120,000	2
60416SJ35	7/1/2024	Serial	3.092	1,155,000	-	10,000	1,145,000	2
60416SJ43	1/1/2025	Serial	3.207	1,190,000	-	10,000	1,180,000	2
60416SJ50	7/1/2025	Serial	3.237	1,220,000	-	10,000	1,210,000	2
60416SJ68	1/1/2026	Serial	3.317	1,250,000	-	10,000	1,240,000	2
60416SJ76	7/1/2026	Serial	3.367	1,285,000	-	10,000	1,275,000	2
60416SJ84	1/1/2027	Serial	3.471	1,315,000	-	10,000	1,305,000	2
60416SJ92	7/1/2027	Serial	3.521	1,350,000	-	10,000	1,340,000	2
60416SK25	1/1/2028	Serial	3.571	1,385,000	-	10,000	1,375,000	2
60416SK33	7/1/2028	Serial	3.621	1,420,000	-	10,000	1,410,000	2
60416SK41	1/1/2029	Serial	3.671	425,000	-	-	425,000	2
60416SK58	7/1/2029	Serial	3.721	440,000	-	-	440,000	2
60416SK66	7/1/2034	Term (a)	3.971	5,055,000	-	25,000	5,030,000	2
60416SK74	7/1/2042	Term (b)	4.204	10,855,000	-	60,000	10,795,000	2
				\$ 37,500,000	\$ -	\$ 195,000	\$ 37,305,000	

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 BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2019 Series D

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SG87	1/1/2042	Term(a)	Variable*	\$ 45,000,000	\$ -	\$ -	\$ 45,000,000	2
				\$ 45,000,000	\$ -	\$ -	\$ 45,000,000	

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 September 30, 2019 was 1.58%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2019 Series E

AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SP87	7/1/2020	Serial	1.200	\$ 1,235,000	\$ -	\$ -	1,235,000	2
60416SP95	1/1/2021	Serial	1.300	1,240,000	-	-	1,240,000	2
60416SQ29	7/1/2021	Serial	1.350	1,245,000	-	-	1,245,000	2
60416SQ37	1/1/2022	Serial	1.400	1,250,000	-	-	1,250,000	2
60416SQ45	7/1/2022	Serial	1.450	1,260,000	-	-	1,260,000	2
60416SQ52	1/1/2023	Serial	1.500	1,265,000	-	-	1,265,000	2
60416SQ60	7/1/2023	Serial	1.550	1,275,000	-	-	1,275,000	2
60416SQ78	1/1/2024	Serial	1.600	1,280,000	-	-	1,280,000	2
60416SQ86	7/1/2024	Serial	1.650	1,290,000	-	-	1,290,000	2
60416SQ94	1/1/2025	Serial	1.700	1,300,000	-	-	1,300,000	2
60416SR28	7/1/2025	Serial	1.750	585,000	-	-	585,000	2
				\$ 13,225,000	\$ -	\$ -	\$ 13,225,000	

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%.

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2019 Series F

Non-AMT

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SR36	7/1/2020	Serial	1.050	\$ 150,000	\$ -	\$ -	150,000	2
60416SR44	7/1/2025	Serial	1.500	575,000	-	\$ -	575,000	2
60416SR51	1/1/2026	Serial	1.550	1,320,000	-	\$ -	1,320,000	2
60416SR69	7/1/2026	Serial	1.600	1,325,000	-	\$ -	1,325,000	2
60416SR77	1/1/2027	Serial	1.700	1,340,000	-	\$ -	1,340,000	2
60416SR85	7/1/2027	Serial	1.750	1,350,000	-	\$ -	1,350,000	2
60416SR93	1/1/2028	Serial	1.800	1,365,000	-	\$ -	1,365,000	2
60416SS27	7/1/2028	Serial	1.850	1,380,000	-	\$ -	1,380,000	2
60416SS35	1/1/2029	Serial	1.900	1,395,000	-	\$ -	1,395,000	2
60416SS43	7/1/2029	Serial	1.950	1,410,000	-	\$ -	1,410,000	2
60416SS50	1/1/2030	Serial	2.000	1,430,000	-	\$ -	1,430,000	2
60416SS68	7/1/2030	Serial	2.050	1,450,000	-	\$ -	1,450,000	2
60416SS76	1/1/2031	Serial	2.100	1,470,000	-	\$ -	1,470,000	2
60416SS84	7/1/2031	Serial	2.150	1,495,000	-	\$ -	1,495,000	2
60416SW48	1/1/2032	Serial	2.250	1,520,000	-	\$ -	1,520,000	2
60416SW55	7/1/2032	Serial	2.300	1,540,000	-	\$ -	1,540,000	2
60416SS92	7/1/2034	Term (a)	2.450	6,425,000	-	\$ -	6,425,000	2
60416ST26	7/1/2039	Term (b)	2.550	18,190,000	-	\$ -	18,190,000	2
60416ST34	7/1/2044	Term (c)	2.750	20,655,000	-	\$ -	20,655,000	2
60416ST42	1/1/2050	Term (d)	3.750	30,990,000	-	\$ -	30,990,000	1
				\$ 96,775,000	\$ -	\$ -	\$ 96,775,000	

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 BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2019 Series G

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Taxable			Call Priority (Note A and B)
					Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	
60416ST59	7/1/2020	Serial	1.760	\$ 760,000	\$ -	\$ -	\$ 760,000	2
60416ST67	1/1/2021	Serial	1.810	775,000	-	-	775,000	2
60416ST75	7/1/2021	Serial	1.860	790,000	-	-	790,000	2
60416ST83	1/1/2022	Serial	1.846	810,000	-	-	810,000	2
60416ST91	7/1/2022	Serial	1.896	825,000	-	-	825,000	2
60416SU24	1/1/2023	Serial	1.926	845,000	-	-	845,000	2
60416SU32	7/1/2023	Serial	1.976	860,000	-	-	860,000	2
60416SU40	1/1/2024	Serial	2.026	880,000	-	-	880,000	2
60416SU57	7/1/2024	Serial	2.076	900,000	-	-	900,000	2
60416SU65	1/1/2025	Serial	2.149	915,000	-	-	915,000	2
60416SU73	7/1/2025	Serial	2.199	935,000	-	-	935,000	2
60416SU81	1/1/2026	Serial	2.249	955,000	-	-	955,000	2
60416SU99	7/1/2026	Serial	2.299	980,000	-	-	980,000	2
60416SV23	1/1/2027	Serial	2.355	1,000,000	-	-	1,000,000	2
60416SV31	7/1/2027	Serial	2.435	1,025,000	-	-	1,025,000	2
60416SV49	1/1/2028	Serial	2.485	1,045,000	-	-	1,045,000	2
60416SV56	7/1/2028	Serial	2.535	1,065,000	-	-	1,065,000	2
60416SV64	1/1/2029	Serial	2.585	1,090,000	-	-	1,090,000	2
60416SV72	7/1/2029	Serial	2.635	1,115,000	-	-	1,115,000	2
60416SV80	1/1/2030	Serial	2.655	1,135,000	-	-	1,135,000	2
60416SV98	7/1/2030	Serial	2.705	1,160,000	-	-	1,160,000	2
60416SW22	7/1/2034	Term (a)	2.905	10,220,000	-	-	10,220,000	2
60416SW30	1/1/2040	Term (b)	3.164	15,930,000	-	-	15,930,000	2
				\$ 46,015,000	\$ -	\$ -	\$ 46,015,000	

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, 2031.

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

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**RESIDENTIAL HOUSING FINANCE BOND RESOLUTION
BONDS OUTSTANDING AND CALL PRIORITY
Information as of September 30, 2019**



Residential Housing Finance Bonds, 2019 Series H

Taxable

CUSIP**	Maturity Date	Bond Type	Interest Rate	Original Amounts	Principal Matured/ Sinking Fund	Principal Redemptions	Principal Outstanding	Call Priority (Note A and B)
60416SP61	1/1/2050	Term(a)	Variable*	\$ 43,985,000	\$ -	\$ -	\$ 43,985,000	2
				<u>\$ 43,985,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 43,985,000</u>	

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 September 30, 2019 was 2.00%.

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**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

Residential Housing Finance 2006 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	<p><u>Prepayments:</u> Prepayments must be applied first to redeem Series N 2037 PAC Term Bonds in accordance with the cumulative redemption schedule and second may be applied to redeem any outstanding Bonds selected by Agency option (other than Series N 2037 PAC Term Bonds if in excess of their respective cumulative redemption schedules).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds, but with respect to the Series N 2037 PAC Term Bonds not in excess of their respective cumulative redemption schedules.</p>

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 Series M Bonds. No redemption from Excess Revenue.

**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

Residential Housing Finance 2012 Series A, B, 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						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> 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 (exclusive of prepayments allocable to Unrestricted Transferred Program Loans as described in the Official Statement).</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>April 26, 2012 to April 25, 2022</td> <td align="center">58.97%</td> </tr> <tr> <td>April 26, 2022 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>All prepayments must be applied first to redeem the Series D July 2040 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 July 2040 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 July 2040 PAC Term bonds)).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series D July 2040 PAC Term bonds beyond their cumulative redemption schedule).</p>	<u>Dates</u>	<u>Percentages</u>	April 26, 2012 to April 25, 2022	58.97%	April 26, 2022 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
April 26, 2012 to April 25, 2022	58.97%						
April 26, 2022 and thereafter	100.00						

**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

Residential Housing Finance 2013 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	<p><u>Prepayments:</u> 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.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td align="center">June 20, 2013 to December 31, 2022</td> <td align="center">49.30%</td> </tr> <tr> <td align="center">January 1, 2023 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>All prepayments must be applied first to redeem the Series A July 2031 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 2031 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 2031 PAC Term bonds)).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series A July 2031 PAC Term bonds beyond their cumulative redemption schedule).</p>	<u>Dates</u>	<u>Percentages</u>	June 20, 2013 to December 31, 2022	49.30%	January 1, 2023 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
June 20, 2013 to December 31, 2022	49.30%						
January 1, 2023 and thereafter	100.00						

**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

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						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> 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.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td align="center">March 26, 2014 to March 25, 2024</td> <td align="center">0.00%</td> </tr> <tr> <td align="center">March 26, 2024 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>	<u>Dates</u>	<u>Percentages</u>	March 26, 2014 to March 25, 2024	0.00%	March 26, 2024 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
March 26, 2014 to March 25, 2024	0.00%						
March 26, 2024 and thereafter	100.00						

**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

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						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> 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.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>April 30, 2014 to April 29, 2024</td> <td align="center">0.00%</td> </tr> <tr> <td>April 30, 2024 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>	<u>Dates</u>	<u>Percentages</u>	April 30, 2014 to April 29, 2024	0.00%	April 30, 2024 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
April 30, 2014 to April 29, 2024	0.00%						
April 30, 2024 and thereafter	100.00						

**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

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						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> 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.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td align="center">December 16, 2014 to December 15, 2024</td> <td align="center">65.94%</td> </tr> <tr> <td align="center">December 16, 2024 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>	<u>Dates</u>	<u>Percentages</u>	December 16, 2014 to December 15, 2024	65.94%	December 16, 2024 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
December 16, 2014 to December 15, 2024	65.94%						
December 16, 2024 and thereafter	100.00						

**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

Residential Housing Finance 2015 Series A, 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						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> 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.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>August 11, 2015 to August 10, 2025</td> <td align="center">47.52%</td> </tr> <tr> <td>August 11, 2025 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series A January 2041 PAC Term bonds beyond their cumulative redemption schedule).</p>	<u>Dates</u>	<u>Percentages</u>	August 11, 2015 to August 10, 2025	47.52%	August 11, 2025 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
August 11, 2015 to August 10, 2025	47.52%						
August 11, 2025 and thereafter	100.00						

**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

Residential Housing Finance 2015 Series E, 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	<p><u>Prepayments:</u> 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.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td align="center">December 8, 2015 to December 7, 2025</td> <td align="center">56.73%</td> </tr> <tr> <td align="center">December 8, 2025 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>	<u>Dates</u>	<u>Percentages</u>	December 8, 2015 to December 7, 2025	56.73%	December 8, 2025 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
December 8, 2015 to December 7, 2025	56.73%						
December 8, 2025 and thereafter	100.00						

**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

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						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> 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 Tax-Exempt Loans, Transferred Tax-Exempt Participation Loans and Program Loans backing Program Securities acquired with proceeds of 2016 Series B Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2016 Series A Bonds or 2016 Series B Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td align="center">June 22, 2016 to June 21, 2026</td> <td align="center">47.22%</td> </tr> <tr> <td align="center">June 22, 2026 and thereafter</td> <td align="center">100.00</td> </tr> </tbody> </table> <p>Tax-Exempt Receipts in excess of scheduled principal payments on Series Bonds must be applied first to redeem the Series B July 2046 PAC Term bonds in accordance with the cumulative redemption schedule, and then, to the extent required by federal tax law, to redeem outstanding 2016 Series A Bonds or 2016 Series B Bonds selected by Agency option (other than the Series B July 2046 PAC Term bonds unless no other 2016 Series A Bonds or 2016 Series B 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 2046 PAC Term bonds)).</p> <p>Prepayments and scheduled repayments from the Transferred Taxable Loans in excess of scheduled principal payments on 2016 Series C Bonds will be applied first to redeem 2016 Series C Bonds and then to redeem any outstanding Bonds at Agency option (including the 2016 Series A Bonds and 2016 Series B Bonds (other than the Series B July 2046 PAC Term Bonds)).</p> <p><u>Excess Revenues:</u> Any outstanding Bonds at Agency option including the Series Bonds (other than the Series B July 2046 PAC Term bonds beyond their cumulative redemption schedule).</p>	<u>Dates</u>	<u>Percentages</u>	June 22, 2016 to June 21, 2026	47.22%	June 22, 2026 and thereafter	100.00
<u>Dates</u>	<u>Percentages</u>						
June 22, 2016 to June 21, 2026	47.22%						
June 22, 2026 and thereafter	100.00						

**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

Residential Housing Finance 2016 Series D, E and F																							
Call From Unexpended Proceeds	N/A																						
Call Date From Unexpended Proceeds	N/A																						
Call Priority From Unexpended Proceeds	N/A																						
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Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> 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.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>December 22, 2016 to June 30, 2017</td> <td align="right">39.79%</td> </tr> <tr> <td>July 1, 2017 to June 30, 2018</td> <td align="right">40.21</td> </tr> <tr> <td>July 1, 2018 to June 30, 2020</td> <td align="right">41.04</td> </tr> <tr> <td>July 1, 2020 to June 30, 2021</td> <td align="right">43.95</td> </tr> <tr> <td>July 1, 2021 to June 30, 2022</td> <td align="right">46.82</td> </tr> <tr> <td>July 1, 2022 to June 30, 2023</td> <td align="right">48.51</td> </tr> <tr> <td>July 1, 2023 to June 30, 2024</td> <td align="right">52.74</td> </tr> <tr> <td>July 1, 2024 to June 30, 2025</td> <td align="right">56.34</td> </tr> <tr> <td>July 1, 2025 to December 21, 2026</td> <td align="right">60.83</td> </tr> <tr> <td>December 22, 2026 and thereafter</td> <td align="right">100.00</td> </tr> </tbody> </table> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>	<u>Dates</u>	<u>Percentages</u>	December 22, 2016 to June 30, 2017	39.79%	July 1, 2017 to June 30, 2018	40.21	July 1, 2018 to June 30, 2020	41.04	July 1, 2020 to June 30, 2021	43.95	July 1, 2021 to June 30, 2022	46.82	July 1, 2022 to June 30, 2023	48.51	July 1, 2023 to June 30, 2024	52.74	July 1, 2024 to June 30, 2025	56.34	July 1, 2025 to December 21, 2026	60.83	December 22, 2026 and thereafter	100.00
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**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

Residential Housing Finance 2017 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																						
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**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

Residential Housing Finance 2017 Series D, E and F																							
Call From Unexpended Proceeds	N/A																						
Call Date From Unexpended Proceeds	N/A																						
Call Priority From Unexpended Proceeds	N/A																						
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**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

Residential Housing Finance 2018 Series A, B, 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	Series A, B and C: Anytime. Series D: on or after January 1, 2023																				
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> 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.</p> <p>10-Year Rule Requirements</p> <table border="1"> <thead> <tr> <th><u>Dates</u></th> <th><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>June 28, 2018 to June 30, 2020</td> <td>24.91%</td> </tr> <tr> <td>July 1, 2020 to June 30, 2021</td> <td>27.79</td> </tr> <tr> <td>July 1, 2021 to June 30, 2022</td> <td>29.73</td> </tr> <tr> <td>July 1, 2022 to June 30, 2023</td> <td>33.12</td> </tr> <tr> <td>July 1, 2023 to June 30, 2024</td> <td>37.64</td> </tr> <tr> <td>July 1, 2024 to June 30, 2025</td> <td>43.42</td> </tr> <tr> <td>July 1, 2025 to June 30, 2026</td> <td>51.93</td> </tr> <tr> <td>July 1, 2026 to June 27, 2028</td> <td>54.65</td> </tr> <tr> <td>June 28, 2028 and thereafter</td> <td>100.00</td> </tr> </tbody> </table> <p>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)).</p>	<u>Dates</u>	<u>Percentages</u>	June 28, 2018 to June 30, 2020	24.91%	July 1, 2020 to June 30, 2021	27.79	July 1, 2021 to June 30, 2022	29.73	July 1, 2022 to June 30, 2023	33.12	July 1, 2023 to June 30, 2024	37.64	July 1, 2024 to June 30, 2025	43.42	July 1, 2025 to June 30, 2026	51.93	July 1, 2026 to June 27, 2028	54.65	June 28, 2028 and thereafter	100.00
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Summary of Special Redemption Provisions
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	<p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>
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Residential Housing Finance 2018 Series E, F, 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																						
Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> 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.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th style="text-align: center;"><u>Dates</u></th> <th style="text-align: center;"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>December 12, 2018 to June 30, 2020</td> <td style="text-align: right;">11.30%</td> </tr> <tr> <td>July 1, 2020 to June 30, 2021</td> <td style="text-align: right;">13.54</td> </tr> <tr> <td>July 1, 2021 to June 30, 2022</td> <td style="text-align: right;">15.69</td> </tr> <tr> <td>July 1, 2022 to June 30, 2023</td> <td style="text-align: right;">17.40</td> </tr> <tr> <td>July 1, 2023 to June 30, 2024</td> <td style="text-align: right;">23.60</td> </tr> <tr> <td>July 1, 2024 to June 30, 2025</td> <td style="text-align: right;">27.15</td> </tr> <tr> <td>July 1, 2025 to June 30, 2026</td> <td style="text-align: right;">34.92</td> </tr> <tr> <td>July 1, 2026 to June 30, 2027</td> <td style="text-align: right;">36.13</td> </tr> <tr> <td>July 1, 2027 to December 11, 2028</td> <td style="text-align: right;">37.74</td> </tr> <tr> <td>December 12, 2028 and thereafter</td> <td style="text-align: right;">100.00</td> </tr> </tbody> </table>	<u>Dates</u>	<u>Percentages</u>	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
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Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019

	<p>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)).</p> <p>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)).</p> <p><u>Excess Revenues:</u> 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)</p>
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**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

Residential Housing Finance 2019 Series A, B, 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																						
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Call Priority From Prepayments or Excess Revenue	<p><u>Prepayments:</u> 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 and Program Loans backing Program Securities, allocable to 2019 Series A Bonds, 2019 Series B Bonds and 2019 Series D Bonds (the "Tax-Exempt Receipts") to redeem outstanding 2019 Series A Bonds, 2019 Series B Bonds or 2019 Series D Bonds, selected by the Agency.</p> <p>10-Year Rule Requirements</p> <table border="0"> <thead> <tr> <th align="center"><u>Dates</u></th> <th align="center"><u>Percentages</u></th> </tr> </thead> <tbody> <tr> <td>April 11, 2019 to June 30, 2020</td> <td align="right">28.92%</td> </tr> <tr> <td>July 1, 2020 to June 30, 2021</td> <td align="right">29.41</td> </tr> <tr> <td>July 1, 2021 to June 30, 2022</td> <td align="right">29.90</td> </tr> <tr> <td>July 1, 2022 to June 30, 2023</td> <td align="right">30.36</td> </tr> <tr> <td>July 1, 2023 to June 30, 2024</td> <td align="right">31.51</td> </tr> <tr> <td>July 1, 2024 to June 30, 2025</td> <td align="right">33.07</td> </tr> <tr> <td>July 1, 2025 to June 30, 2026</td> <td align="right">34.90</td> </tr> <tr> <td>July 1, 2026 to June 30, 2027</td> <td align="right">35.15</td> </tr> <tr> <td>July 1, 2027 to April 10, 2029</td> <td align="right">36.12</td> </tr> <tr> <td>April 11, 2029 and thereafter</td> <td align="right">100.00</td> </tr> </tbody> </table> <p>All prepayments must be applied first to redeem the Series B July 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 2019 Series A Bonds, 2019 Series B Bonds or 2019 Series D Bonds selected by Agency option (other than the Series B July 2049 PAC Term bonds unless no other 2019 Series A Bonds, 2019 Series B Bonds or 2019 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 2049 PAC Term Bonds)).</p>	<u>Dates</u>	<u>Percentages</u>	April 11, 2019 to June 30, 2020	28.92%	July 1, 2020 to June 30, 2021	29.41	July 1, 2021 to June 30, 2022	29.90	July 1, 2022 to June 30, 2023	30.36	July 1, 2023 to June 30, 2024	31.51	July 1, 2024 to June 30, 2025	33.07	July 1, 2025 to June 30, 2026	34.90	July 1, 2026 to June 30, 2027	35.15	July 1, 2027 to April 10, 2029	36.12	April 11, 2029 and thereafter	100.00
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**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

	<p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>
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Residential Housing Finance 2019 Series E, F, G and H																									
Call From Unexpended Proceeds	N/A																								
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**Residential Housing Finance Bond Resolution
Summary of Special Redemption Provisions
Information as of September 30, 2019**

	<p>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)).</p> <p>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)).</p> <p><u>Excess Revenues:</u> 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).</p>
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**Residential Housing Finance Bond Resolution
Tax Restricted Prepayments and Repayments
Information as of September 30, 2019**



RHFB 2012 ABCD	
Date	Percent
09/30/2019	58.97%
04/26/2022	100.00%

RHFB 2013 ABC	
Date	Percent
09/30/2019	49.30%
01/01/2023	100.00%

RHFB 2014 A	
Date	Percent
09/30/2019	0.00%
03/26/2024	100.00%

RHFB 2014 B	
Date	Percent
09/30/2019	0.00%
04/30/2024	100.00%

RHFB 2014 CDE	
Date	Percent
09/30/2019	65.94%
12/16/2024	100.00%

RHFB 2015 ABCD	
Date	Percent
09/30/2019	47.52%
08/11/2025	100.00%

RHFB 2015 EFG	
Date	Percent
09/30/2019	56.73%
12/08/2025	100.00%

RHFB 2016 AB ¹	
Date	Percent
09/30/2019	47.22%
06/22/2026	100.00%

RHFB 2016 DEF	
Date	Percent
09/30/2019	41.04%
07/01/2020	43.95%
07/01/2021	46.82%
07/01/2022	48.51%
07/01/2023	52.74%
07/01/2024	56.34%
07/01/2025	60.83%
12/22/2026	100.00%

RHFB 2017 ABC	
Date	Percent
09/30/2019	67.07%
07/01/2020	68.53%
07/01/2021	69.87%
07/01/2022	72.18%
07/01/2023	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
09/30/2019	26.99%
07/01/2020	28.30%
07/01/2021	29.31%
07/01/2022	30.95%
07/01/2023	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
09/30/2019	24.91%
07/01/2020	27.79%
07/01/2021	29.73%
07/01/2022	33.12%
07/01/2023	37.64%
07/01/2024	43.42%
07/01/2025	51.93%
07/01/2026	54.65%
07/28/2028	100.00%

RHFB 2018 EFH ³	
Date	Percent
09/30/2019	11.30%
07/01/2020	13.54%
07/01/2021	15.69%
07/01/2022	17.40%
07/01/2023	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 2019 ABD ⁴	
Date	Percent
09/30/2019	28.92%
07/01/2020	29.41%
07/01/2021	29.90%
07/01/2022	30.36%
07/01/2023	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 2019 EF ⁵	
Date	Percent
09/30/2019	28.92%
07/01/2020	29.41%
07/01/2021	29.90%
07/01/2022	30.36%
07/01/2023	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%

- 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.
- 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.
- 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 Transferred Program Loans and 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.
- 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.
- 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 Transferred Program Loans and 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.

Residential Housing Finance Bond Resolution
Investments
Information as of September 30, 2019



Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
None	Revenue	FHLMC	3/15/2031	6.75000 % \$	826,000
None	Revenue	FNMA POOL #AH0096	12/1/2040	3.32500	447,169
None	Revenue	GNMA II POOL #755394	7/20/2040	4.25000	69,794
None	Revenue	GNMA II POOL #755398	7/20/2040	4.75000	125,023
None	Revenue	GNMA II POOL #755421	11/20/2040	4.00000	174,028
None	Revenue	GNMA II POOL #755423	10/20/2040	4.50000	146,290
None	Revenue	GNMA II POOL #755715	12/20/2040	4.00000	411,209
None	Revenue	GNMA II Pool #755712	12/20/2040	3.37500	219,292
None	Revenue	GNMA II POOL #755719	11/20/2040	4.50000	342,966
None	Revenue	GNMA II POOL #755884	1/20/2041	3.62500	190,022
None	Revenue	GNMA II POOL #755885	1/20/2041	3.87500	363,326
None	Revenue	GNMA II Pool #755996	1/20/2041	4.12500	89,801
None	Revenue	GNMA II POOL #755997	1/20/2041	4.37500	107,717
None	Revenue	GNMA II POOL #755998	7/20/2040	4.62500	217,626
None	Revenue	GNMA II POOL #756018	1/20/2041	4.12500	136,697
None	Revenue	GNMA II POOL #756055	1/20/2041	4.12500	129,437
None	Revenue	GNMA II POOL #755753	1/20/2041	3.37500	165,912
None	Revenue	GNMA II Pool #755735	1/20/2041	3.37500	285,350
None	Revenue	GNMA II Pool #755737	1/20/2041	3.87500	296,019
None	Revenue	GNMA II Pool #755714	12/20/2040	3.87500	80,055
None	Revenue	GNMA II Pool #755799	1/20/2041	3.62500	108,041
None	Revenue	GNMA II Pool #AF0609	7/20/2043	2.50000	752,665
None	Revenue	FNMA POOL #AH5485	1/1/2041	4.12500	50,143
None	Revenue	FNMA Pool #AT9858	5/1/2043	2.90000	357,729
None	Revenue	FNMA Pool #AU7184	5/1/2043	3.00000	189,981
None	Revenue	FNMA Pool #AU7183	7/1/2043	3.00000	1,303,386
None	Revenue	Resolution Funding Corp.	10/15/2019	8.12500	605,000
None	Revenue	Treasury Bond	8/15/2020	8.75000	370,000
None	Revenue	Treasury Bond	8/15/2021	8.12500	1,195,000
None	Revenue	Treasury Bond	2/15/2023	7.12500	3,415,000
None	Revenue	Government Money Market Fund	Daily	1.74696	48,888,709
06LMN	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	4,968
06LMN	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	2,500
06LMN	Debt Service Reserve	Government Money Market Fund	Daily	1.74696	14,195
06LMN	Revenue	Government Money Market Fund	Daily	1.74696	181,032
07M	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	250,945
07M	Debt Service Reserve	Transamerica Life Insurance Company Inv. Agmt.	7/1/2048	5.26000	546,450
07M	Revenue	Government Money Market Fund	Daily	1.74696	694,349
12ABCD	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	391,102
12ABCD	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	652,500
12ABCD	Debt Service Reserve	FNMA Pool #AT7540	7/1/2043	2.90000	397,405
12ABCD	Debt Service Reserve	Government Money Market Fund	Daily	1.74696	1,217,700
12ABCD	Revenue	Government Money Market Fund	Daily	1.74696	2,656,090
13ABC	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	281,325
13ABC	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	557,500
13ABC	Debt Service Reserve	FNMA Pool #AT7541	7/1/2043	3.02500	690,767

Residential Housing Finance Bond Resolution
Investments
Information as of September 30, 2019



Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
13ABC	Debt Service Reserve	Government Money Market Fund	Daily	1.74696 % \$	615,686
13ABC	Revenue	Government Money Market Fund	Daily	1.74696	1,677,785
14A	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	121,676
14A	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	192,500
14A	Debt Service Reserve	Government Money Market Fund	Daily	1.74696	479,250
14A	Revenue	Government Money Market Fund	Daily	1.74696	2,332,103
14B	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	113,258
14B	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	135,000
14B	Debt Service Reserve	Government Money Market Fund	Daily	1.74696	451,050
14B	Revenue	Government Money Market Fund	Daily	1.74696	2,400,134
14CDE	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	946,088
14CDE	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	1,620,000
14CDE	Debt Service Reserve	Government Money Market Fund	Daily	1.74696	3,528,750
14CDE	Revenue	Government Money Market Fund	Daily	1.74696	6,459,676
15ABCD	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	729,250
15ABCD	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	837,500
15ABCD	Debt Service Reserve	FNMA POOL #AT7535	6/1/2043	2.77500	539,030
15ABCD	Debt Service Reserve	FNMA POOL #AU3005	6/1/2043	2.90000	323,572
15ABCD	Debt Service Reserve	GNMA II POOL #AC8310	1/20/2043	2.50000	56,489
15ABCD	Debt Service Reserve	Government Money Market Fund	Daily	1.74696	1,547,358
15ABCD	Revenue	Government Money Market Fund	Daily	1.74696	3,337,705
15EFG	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	868,468
15EFG	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	1,100,000
15EFG	Debt Service Reserve	FNMA POOL #AH099	12/1/2040	3.45000	98,113
15EFG	Debt Service Reserve	Government Money Market Fund	Daily	1.74696	3,489,003
15EFG	Revenue	Government Money Market Fund	Daily	1.74696	5,268,872
16ABC	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	708,216
16ABC	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	773,750
16ABC	Debt Service Reserve	FNMA Pool #AT9856	6/1/2043	2.65000	329,941
16ABC	Debt Service Reserve	FNMA Pool #AH5520	12/1/2040	3.45000	717,129
16ABC	Debt Service Reserve	GNMA II Pool #AC8376	2/20/2043	2.87500	545,244
16ABC	Debt Service Reserve	Government Money Market Fund	Daily	1.74696	1,753,716
16ABC	Revenue	Government Money Market Fund	Daily	1.74696	5,418,652
16DEF	Acquisition	Government Money Market Fund	Daily	1.74696	5,034
16DEF	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	472,112
16DEF	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	635,000
16DEF	Debt Service Reserve	Government Money Market Fund	Daily	1.74696	910,137
16DEF	Revenue	Government Money Market Fund	Daily	1.74696	5,406,308
17ABC	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	439,820
17ABC	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	522,500
17ABC	Debt Service Reserve	Government Money Market Fund	Daily	1.74696	1,518,257
17ABC	Revenue	Government Money Market Fund	Daily	1.74696	4,925,625
17DEF	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	746,067
17DEF	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	687,500
17DEF	Debt Service Reserve	Government Money Market Fund	Daily	1.74696	743,671
17DEF	Revenue	Government Money Market Fund	Daily	1.74696	5,030,072

**Residential Housing Finance Bond Resolution
Investments
Information as of September 30, 2019**



Series	Fund	Investment Type	Maturity Date	Interest Rate	Par
18ABCD	Acquisition	Government Money Market Fund	Daily	1.74696 %	\$ 53,293
18ABCD	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	786,801
18ABCD	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	652,500
18ABCD	Debt Service Reserve	Government Money Market Fund	Daily	1.74696	562,625
18ABCD	Revenue	Government Money Market Fund	Daily	1.74696	5,914,563
18EFGH	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	1,141,018
18EFGH	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	595,000
18EFGH	Revenue	Government Money Market Fund	Daily	1.74696	2,767,925
19ABCD	Bond Fund Interest	Government Money Market Fund	Daily	1.74696	1,251,248
19ABCD	Bond Fund Principal	Government Money Market Fund	Daily	1.74696	1,685,000
19ABCD	Debt Service Reserve	Government Money Market Fund	Daily	1.74696	931,100
19ABCD	Revenue	Government Money Market Fund	Daily	1.74696	4,789,920
19EFGH	Acquisition	Government Money Market Fund	Daily	1.74696	97,606,807
					\$ <u>260,893,083</u>

Residential Housing Finance Bond Resolution
Debt Service Reserve Requirement
Information as of September 30, 2019

Debt Service Reserve Fund (all series combined)

Debt Service Reserve Requirement

\$19,859,665

Value (Per Resolution)

\$21,918,623