

Washington State Housing Finance Commission Single Family Program Indenture Bonds
 Outstanding Bonds by Coupon - Ranked Highest to Lowest
 Principal Amounts as of December 31, 2018

<u>Series</u>	<u>Maturity</u>	<u>Coupon</u>	<u>Outstanding Par Amount</u>	<u>Outstanding Par Ar</u>
SF 2010 1N	12/1/2035	4.600%	4,375,000	4,375,000
SF 2010 1A-R	6/1/2032	4.500%	1,590,000	5,965,000
2018-1N	12/1/2048	4.000%	31,260,000	37,225,000
2017-1N	12/1/2047	4.000%	11,710,000	48,935,000
2017-3N	12/1/2047	4.000%	10,630,000	59,565,000
2017-1AR	6/1/2039	4.000%	5,855,000	65,420,000
2017-3N	12/1/2045	3.800%	8,030,000	73,450,000
2018-1N	6/1/2037	3.800%	6,390,000	79,840,000
2017-3N	12/1/2042	3.750%	14,935,000	94,775,000
2015-1N	12/1/2034	3.700%	4,395,000	99,170,000
SF 2014 2N	12/1/2033	3.700%	290,000	99,460,000
2017-1N	12/1/2032	3.600%	16,675,000	116,135,000
2017-3N	12/1/2037	3.600%	12,715,000	128,850,000
2017-2N	12/1/2033	3.600%	5,125,000	133,975,000
2017-2N	6/1/2040	3.550%	3,260,000	137,235,000
SF 2013 1A-R	6/1/2026	3.550%	875,000	138,110,000
2016-2AR	12/1/2046	3.500%	13,870,000	151,980,000
SF 2013 1N	12/1/2033	3.500%	13,285,000	165,265,000
2016-1AR	12/1/2038	3.500%	12,760,000	178,025,000
2015-1AR	6/1/2038	3.500%	10,790,000	188,815,000
2017-2N	6/1/2047	3.500%	9,880,000	198,695,000
SF 2014 2A-R	6/1/2044	3.500%	6,430,000	205,125,000
2017-2N	12/1/2037	3.450%	7,235,000	212,360,000
2015-1N	12/1/2030	3.450%	6,275,000	218,635,000
2016-2N	12/1/2038	3.450%	3,755,000	222,390,000
SF 2013 1A-R	12/1/2025	3.450%	335,000	222,725,000
SF 2014 2N	12/1/2029	3.400%	2,345,000	225,070,000
2016-2N	12/1/2036	3.350%	12,510,000	237,580,000
2018-1N	12/1/2030	3.350%	1,345,000	238,925,000
2018-1N	6/1/2030	3.300%	1,320,000	240,245,000
2018-1N	12/25/2025	3.250%	8,360,000	248,605,000
2015-1AR	6/1/2026	3.250%	1,325,000	249,930,000
2018-1N	12/1/2029	3.250%	1,290,000	251,220,000
SF 2014 2A-R	6/1/2024	3.250%	435,000	251,655,000
2016-1N	12/1/2036	3.200%	6,465,000	258,120,000
2017-2N	12/1/2028	3.200%	4,910,000	263,030,000
2018-1N	6/1/2029	3.200%	1,265,000	264,295,000
2017-2N	12/1/2032	3.150%	4,660,000	268,955,000
2017-1N	12/1/2028	3.150%	1,900,000	270,855,000
2015-1AR	12/1/2025	3.150%	1,185,000	272,040,000
SF 2014 2A-R	12/1/2023	3.150%	780,000	272,820,000
2018-1N	12/24/2024	3.125%	1,235,000	274,055,000
2017-1N	6/1/2028	3.100%	1,865,000	275,920,000
2018-1N	6/1/2028	3.100%	1,210,000	277,130,000
2018-1N	12/20/2020	3.100%	1,155,000	278,285,000
SF 2014 2A-R	6/1/2023	3.100%	905,000	279,190,000
2016-2N	12/1/2031	3.050%	10,425,000	289,615,000
2018-1N	12/1/2027	3.050%	1,185,000	290,800,000
SF 2013 1A-R	6/1/2022	3.050%	970,000	291,770,000
2016-1N	12/1/2031	3.000%	5,110,000	296,880,000

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SF 2014 1N	6/1/2037	3.000%	2,660,000	299,540,000
SF 2013 1N	6/1/2043	3.000%	2,290,000	301,830,000
2017-1N	12/1/2027	3.000%	1,830,000	303,660,000
2018-1N	6/1/2027	3.000%	1,160,000	304,820,000
2015-1AR	12/1/2024	3.000%	1,135,000	305,955,000
SF 2014 2A-R	6/1/2022	3.000%	860,000	306,815,000
2017-1N	6/1/2027	2.950%	1,785,000	308,600,000
2018-1N	12/1/2026	2.950%	1,135,000	309,735,000
2015-1AR	6/1/2024	2.950%	1,100,000	310,835,000
SF 2014 1A-R	6/1/2020	2.950%	5,000	310,840,000
2017-1N	12/1/2026	2.900%	1,760,000	312,600,000
2018-1N	6/1/2026	2.900%	1,110,000	313,710,000
2017-2N	12/1/2021	2.900%	950,000	314,660,000
2017-2N	6/1/2021	2.900%	750,000	315,410,000
2017-1AR	12/1/2024	2.900%	460,000	315,870,000
2015-1AR	12/1/2023	2.850%	1,080,000	316,950,000
2017-1N	6/1/2026	2.850%	990,000	317,940,000
2017-3N	12/1/2028	2.850%	945,000	318,885,000
2017-1AR	6/1/2024	2.850%	480,000	319,365,000
2017-3N	6/1/2028	2.800%	925,000	320,290,000
2018-1N	12/1/2025	2.750%	1,085,000	321,375,000
2015-1AR	6/1/2023	2.750%	1,050,000	322,425,000
2017-3N	12/1/2027	2.750%	905,000	323,330,000
2017-2N	12/1/2028	2.750%	530,000	323,860,000
2018-1N	6/1/2025	2.700%	1,060,000	324,920,000
2017-1N	12/1/2025	2.700%	965,000	325,885,000
2017-3N	6/1/2027	2.700%	885,000	326,770,000
SF 2014 2A-R	12/1/2021	2.700%	840,000	327,610,000
2017-2N	6/1/2028	2.700%	515,000	328,125,000
2017-1AR	12/1/2023	2.700%	475,000	328,600,000
2016-2N	12/1/2027	2.650%	1,310,000	329,910,000
2017-1N	6/1/2025	2.650%	950,000	330,860,000
2017-3N	12/1/2026	2.650%	870,000	331,730,000
2016-2N	6/1/2027	2.600%	1,270,000	333,000,000
2018-1N	12/1/2024	2.600%	1,045,000	334,045,000
2015-1AR	12/1/2022	2.600%	1,030,000	335,075,000
2017-1N	12/1/2024	2.600%	930,000	336,005,000
SF 2013 1A-R	12/1/2020	2.600%	915,000	336,920,000
2017-3N	6/1/2026	2.600%	850,000	337,770,000
SF 2014 2A-R	6/1/2021	2.600%	820,000	338,590,000
SF 2014 1A-R	12/1/2019	2.600%	615,000	339,205,000
2018-1N	6/27/2027	2.600%	470,000	339,675,000
2016-1N	12/1/2027	2.550%	1,315,000	340,990,000
2018-1N	6/1/2024	2.550%	1,015,000	342,005,000
SF 2013 1A-R	6/1/2020	2.550%	895,000	342,900,000
2017-2N	12/1/2027	2.550%	505,000	343,405,000
2017-2AR	12/1/2025	2.550%	100,000	343,505,000
2016-1N	6/1/2027	2.500%	1,285,000	344,790,000
2018-1N	12/30/2030	2.500%	1,255,000	346,045,000
2015-1AR	6/1/2022	2.500%	1,000,000	347,045,000
2017-1N	6/1/2024	2.500%	910,000	347,955,000
SF 2014 1A-R	6/1/2019	2.500%	605,000	348,560,000
2017-2N	6/1/2027	2.500%	490,000	349,050,000
2017-2N	6/1/2025	2.500%	450,000	349,500,000

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2016-2N	6/1/2026	2.450%	1,245,000	350,745,000
2017-3N	12/1/2025	2.450%	830,000	351,575,000
2016-2AR	12/1/2024	2.450%	540,000	352,115,000
2017-1AR	12/1/2022	2.450%	465,000	352,580,000
2016-1N	12/1/2026	2.400%	1,285,000	353,865,000
2017-2AR	6/1/2026	2.400%	1,255,000	355,120,000
2016-2AR	6/1/2024	2.400%	1,030,000	356,150,000
2018-1N	12/1/2023	2.400%	995,000	357,145,000
2017-3N	6/1/2025	2.400%	810,000	357,955,000
2017-2N	12/1/2026	2.400%	480,000	358,435,000
2017-2AR	12/1/2024	2.400%	445,000	358,880,000
2017-1N	12/1/2023	2.375%	895,000	359,775,000
2017-2AR	6/1/2023	2.350%	975,000	360,750,000
SF 2013 1A-R	12/1/2019	2.350%	870,000	361,620,000
2017-2N	6/1/2026	2.350%	475,000	362,095,000
2017-1AR	6/1/2022	2.350%	460,000	362,555,000
2017-2AR	12/1/2025	2.300%	1,235,000	363,790,000
2016-2N	12/1/2025	2.300%	1,100,000	364,890,000
2015-1AR	12/1/2021	2.300%	980,000	365,870,000
2018-1N	12/1/2022	2.300%	955,000	366,825,000
2017-1N	6/1/2023	2.300%	875,000	367,700,000
SF 2013 1A-R	6/1/2019	2.300%	860,000	368,560,000
SF 2014 2A-R	12/1/2020	2.300%	800,000	369,360,000
2017-3N	12/1/2024	2.300%	795,000	370,155,000
2017-2AR	6/1/2024	2.300%	435,000	370,590,000
2016-1N	6/1/2025	2.250%	1,205,000	371,795,000
2016-2N	6/1/2025	2.250%	1,080,000	372,875,000
2016-2AR	12/1/2023	2.250%	1,005,000	373,880,000
2018-1N	6/1/2022	2.250%	935,000	374,815,000
2017-1N	12/1/2022	2.250%	855,000	375,670,000
2017-3N	6/1/2024	2.250%	780,000	376,450,000
2017-3A-R	6/1/2021	2.250%	775,000	377,225,000
2016-2AR	6/1/2023	2.200%	985,000	378,210,000
2015-1AR	6/1/2021	2.200%	955,000	379,165,000
2018-1N	12/1/2021	2.200%	915,000	380,080,000
SF 2014 2A-R	6/1/2020	2.200%	785,000	380,865,000
2017-1AR	12/1/2021	2.200%	455,000	381,320,000
2017-2N	12/1/2025	2.200%	365,000	381,685,000
2018-1N	6/1/2021	2.150%	895,000	382,580,000
2017-3N	12/1/2023	2.150%	760,000	383,340,000
2017-2AR	12/1/2023	2.150%	420,000	383,760,000
2018-1N	12/29/2029	2.150%	215,000	383,975,000
2017-3N-R	6/1/2023	2.100%	665,000	384,640,000
2017-3A-R	12/1/2020	2.100%	665,000	385,305,000
2017-1AR	6/1/2021	2.100%	450,000	385,755,000
2016-1N	12/1/2024	2.050%	1,180,000	386,935,000
2016-1N	6/1/2024	2.050%	1,160,000	388,095,000
2017-2AR	12/1/2022	2.050%	1,000,000	389,095,000
2016-2AR	12/1/2022	2.050%	960,000	390,055,000
2016-2AR	6/1/2022	2.050%	940,000	390,995,000
2017-2AR	12/1/2020	2.050%	875,000	391,870,000
2018-1N	12/26/2026	2.050%	845,000	392,715,000
2017-3A-R	6/1/2020	2.050%	655,000	393,370,000
2017-3N-R	12/1/2022	2.050%	645,000	394,015,000

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2017-2AR	6/1/2023	2.050%	415,000	394,430,000
2016-1AR	6/1/2022	2.000%	980,000	395,410,000
2015-1AR	12/1/2020	2.000%	935,000	396,345,000
2018-1N	6/1/2020	2.000%	855,000	397,200,000
2016-1N	12/1/2023	2.000%	715,000	397,915,000
2017-3N-R	6/1/2022	2.000%	640,000	398,555,000
2017-1AR	12/1/2020	2.000%	445,000	399,000,000
2017-3N-R	12/1/2021	1.950%	620,000	399,620,000
2016-1AR	12/1/2021	1.900%	960,000	400,580,000
2016-2AR	12/1/2021	1.900%	920,000	401,500,000
2015-1AR	6/1/2020	1.900%	910,000	402,410,000
2018-1N	12/1/2019	1.900%	840,000	403,250,000
2017-1N	12/1/2021	1.900%	815,000	404,065,000
SF 2014 2A-R	12/1/2019	1.900%	760,000	404,825,000
2017-3A-R	12/1/2019	1.900%	645,000	405,470,000
2017-1AR	6/1/2020	1.900%	440,000	405,910,000
2017-2AR	12/1/2022	1.900%	405,000	406,315,000
2016-1N	6/1/2023	1.875%	390,000	406,705,000
2016-2AR	6/1/2021	1.850%	900,000	407,605,000
2017-2AR	6/1/2022	1.850%	395,000	408,000,000
2016-1AR	6/1/2021	1.800%	935,000	408,935,000
2017-1N	6/1/2021	1.800%	810,000	409,745,000
SF 2014 2A-R	6/1/2019	1.800%	745,000	410,490,000
2018-1N	6/1/2019	1.800%	715,000	411,205,000
2017-3A-R	6/1/2019	1.800%	580,000	411,785,000
2016-2AR	12/1/2020	1.750%	880,000	412,665,000
2017-2AR	12/1/2021	1.750%	390,000	413,055,000
2016-2AR	6/1/2020	1.700%	860,000	413,915,000
2017-1N	12/1/2020	1.700%	795,000	414,710,000
2017-1AR	12/1/2019	1.700%	435,000	415,145,000
2015-1AR	12/1/2019	1.700%	220,000	415,365,000
2016-1AR	12/1/2020	1.650%	915,000	416,280,000
2017-2AR	6/1/2021	1.650%	380,000	416,660,000
2017-1N	6/1/2020	1.600%	775,000	417,435,000
2017-1AR	6/1/2019	1.600%	430,000	417,865,000
2016-1AR	6/1/2020	1.550%	900,000	418,765,000
2016-2AR	12/1/2019	1.550%	840,000	419,605,000
2018-1N	12/1/2020	1.550%	370,000	419,975,000
2015-1AR	12/1/2019	1.500%	1,545,000	421,520,000
2017-2AR	6/1/2019	1.500%	820,000	422,340,000
2018-1N	12/1/2019	1.450%	760,000	423,100,000
2017-2AR	6/1/2020	1.450%	360,000	423,460,000
2018-1N	12/1/2019	1.400%	875,000	424,335,000
2017-1N	6/1/2019	1.350%	745,000	425,080,000
2016-1AR	6/1/2019	1.300%	855,000	425,935,000
2017-2AR	12/1/2019	1.300%	355,000	426,290,000
2017-2AR	6/1/2019	1.200%	345,000	426,635,000
2018-1N-MM	12/1/2048	Variable Rate	30,000,000	456,635,000
2018-1N	12/1/2046	Variable Rate	7,500,000	464,135,000

Total Single Family Program Bonds Indenture

464,135,000