

Washington State Housing Finance Commission Single Family Program Indenture Bonds
 Outstanding Bonds by Coupon - Ranked Highest to Lowest
 Principal Amounts as of March 31, 2019

<u>Series</u>	<u>Maturity</u>	<u>Coupon</u>	<u>Outstanding Par Amount</u>	<u>Cumulative Total</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
2015-1N	12/1/2030	3.700%	4,395,000	10,360,000
SF 2014 2N	12/1/2033	3.700%	290,000	10,650,000
SF 2013 1A-R	6/1/2026	3.550%	875,000	11,525,000
2016-2AR	12/1/2046	3.500%	13,120,000	24,645,000
2016-1AR	12/1/2038	3.500%	12,260,000	36,905,000
2015-1AR	6/1/2038	3.500%	10,430,000	47,335,000
SF 2013 1N	12/1/2033	3.500%	13,285,000	60,620,000
2018-1N	12/1/2033	3.500%	5,935,000	66,555,000
2017-2N	12/1/2034	3.450%	6,275,000	72,830,000
2016-2N	12/1/2038	3.450%	3,755,000	76,585,000
SF 2013 1A-R	12/1/2025	3.450%	335,000	76,920,000
SF 2014 2N	12/1/2029	3.400%	2,345,000	79,265,000
2016-2N	12/1/2036	3.350%	12,510,000	91,775,000
2015-1AR	6/1/2026	3.250%	1,325,000	93,100,000
SF 2014 2A-R	6/1/2024	3.250%	435,000	93,535,000
2016-1N	12/1/2036	3.200%	6,465,000	100,000,000
SF 2013 1N	12/1/2028	3.200%	4,910,000	104,910,000
2015-1AR	12/1/2025	3.150%	1,185,000	106,095,000
2019-1N	12/1/2034	3.150%	780,000	106,875,000
2015-1AR	6/1/2025	3.100%	1,155,000	108,030,000
SF 2014 2A-R	6/1/2023	3.100%	905,000	108,935,000
2016-2N	12/1/2031	3.050%	10,425,000	119,360,000
SF 2013 1A-R	6/1/2022	3.050%	970,000	120,330,000
SF 2013 1N	6/1/2043	3.000%	1,960,000	122,290,000
2016-1N	12/1/2031	3.000%	5,110,000	127,400,000
SF 2014 1N	6/1/2037	3.000%	2,655,000	130,055,000
2018-1N	6/29/2029	3.000%	1,135,000	131,190,000
SF 2014 2A-R	6/1/2022	3.000%	860,000	132,050,000
2015-1AR	6/1/2024	2.950%	1,100,000	133,150,000
SF 2014 1A-R	6/1/2020	2.950%	5,000	133,155,000
SF 2013 1A-R	12/1/2021	2.900%	950,000	134,105,000
SF 2013 1A-R	6/1/2021	2.900%	750,000	134,855,000
2015-1AR	12/1/2023	2.850%	1,080,000	135,935,000
2018-1N	6/28/2028	2.750%	1,050,000	136,985,000
SF 2014 2A-R	12/1/2021	2.700%	840,000	137,825,000
2016-2N	12/1/2027	2.650%	1,310,000	139,135,000
2016-2N	6/1/2027	2.600%	1,270,000	140,405,000
2018-1N	12/27/2027	2.600%	1,030,000	141,435,000
2019-1N	12/1/2030	2.600%	915,000	142,350,000
SF 2014 2A-R	6/1/2021	2.600%	820,000	143,170,000
2017-2AR	12/1/2019	2.600%	615,000	143,785,000
2016-1N	12/1/2027	2.550%	1,315,000	145,100,000
SF 2013 1A-R	6/1/2020	2.550%	895,000	145,995,000
2016-1N	6/1/2027	2.500%	1,285,000	147,280,000
2018-1N	6/27/2027	2.500%	1,255,000	148,535,000
2015-1AR	6/1/2022	2.500%	1,000,000	149,535,000
2019-1N	6/1/2030	2.500%	305,000	149,840,000
2016-2N	6/1/2026	2.450%	1,245,000	151,085,000
2016-2AR	12/1/2024	2.450%	540,000	151,625,000

<u>Series</u>	<u>Maturity</u>	<u>Coupon</u>	<u>Outstanding Par Amount</u>	<u>Cumulative Total</u>
2018-1N	12/26/2026	2.400%	1,285,000	152,910,000
2016-1N	6/1/2026	2.400%	1,255,000	154,165,000
2016-2AR	6/1/2024	2.400%	1,030,000	155,195,000
SF 2013 1A-R	12/1/2019	2.350%	870,000	156,065,000
2016-1N	12/1/2025	2.300%	1,235,000	157,300,000
2018-1N	6/26/2026	2.300%	1,100,000	158,400,000
2015-1AR	12/1/2021	2.300%	980,000	159,380,000
2019-1N	12/1/2029	2.300%	430,000	159,810,000
SF 2014 2A-R	12/1/2020	2.300%	800,000	160,610,000
2016-1N	6/1/2025	2.250%	1,205,000	161,815,000
2016-2N	6/1/2025	2.250%	1,080,000	162,895,000
2016-2AR	12/1/2023	2.250%	1,005,000	163,900,000
2016-2AR	6/1/2023	2.200%	985,000	164,885,000
2015-1AR	6/1/2021	2.200%	955,000	165,840,000
2019-1N	12/1/2028	2.200%	785,000	166,625,000
2016-1AR	6/1/2023	2.150%	215,000	166,840,000
2016-1N	12/1/2024	2.050%	1,180,000	168,020,000
2016-1N	6/1/2024	2.050%	1,160,000	169,180,000
2018-1N	6/25/2025	2.050%	1,000,000	170,180,000
2016-2AR	12/1/2022	2.050%	960,000	171,140,000
2016-2AR	6/1/2022	2.050%	940,000	172,080,000
2016-1AR	6/1/2022	2.000%	980,000	173,060,000
2015-1AR	12/1/2020	2.000%	935,000	173,995,000
2016-1N	12/1/2023	2.000%	715,000	174,710,000
2018-1N	12/24/2024	1.900%	960,000	175,670,000
2016-2AR	12/1/2021	1.900%	920,000	176,590,000
2015-1AR	6/1/2020	1.900%	910,000	177,500,000
SF 2014 2A-R	12/1/2019	1.900%	760,000	178,260,000
2019-1N	6/1/2027	1.875%	390,000	178,650,000
2016-2AR	6/1/2021	1.850%	900,000	179,550,000
2016-1AR	6/1/2021	1.800%	935,000	180,485,000
SF 2014 2A-R	6/1/2019	1.800%	745,000	181,230,000
2016-2AR	12/1/2020	1.750%	880,000	182,110,000
2016-2AR	6/1/2020	1.700%	860,000	182,970,000
2015-1AR	12/1/2019	1.700%	220,000	183,190,000
2016-1AR	12/1/2020	1.650%	915,000	184,105,000
2016-1AR	6/1/2020	1.550%	900,000	185,005,000
2016-2AR	12/1/2019	1.550%	840,000	185,845,000
2015-1AR	12/1/2019	1.500%	1,545,000	187,390,000
2019-1N	12/1/2026	1.500%	820,000	188,210,000
2016-1AR	12/1/2019	1.400%	875,000	189,085,000
2016-1AR	6/1/2019	1.300%	855,000	189,940,000
2018-1N-MM	12/1/2048	1.600%	430,000	190,370,000
2019-1N	12/1/2023	1.700%	435,000	190,805,000
2017-1AR	6/1/2020	1.900%	440,000	191,245,000
2017-1AR	12/1/2020	2.000%	445,000	191,690,000
2017-1AR	6/1/2021	2.100%	450,000	192,140,000
2017-1AR	12/1/2021	2.200%	455,000	192,595,000
2017-1AR	6/1/2022	2.350%	460,000	193,055,000
2017-2N	12/1/2022	2.450%	465,000	193,520,000
2017-1AR	6/1/2023	2.600%	470,000	193,990,000
2017-1AR	12/1/2023	2.700%	475,000	194,465,000
2017-1AR	6/1/2024	2.850%	480,000	194,945,000
2018-1N	12/20/2020	2.900%	460,000	195,405,000
2017-1AR	6/1/2039	4.000%	5,625,000	201,030,000

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2017-1N	6/1/2019	1.350%	745,000	201,775,000
2017-1N	12/1/2019	1.450%	760,000	202,535,000
2017-1N	6/1/2020	1.600%	775,000	203,310,000
2017-1N	12/1/2020	1.700%	795,000	204,105,000
2018-1N	6/20/2020	1.800%	810,000	204,915,000
2017-1N	12/1/2021	1.900%	815,000	205,730,000
2019-1N	6/1/2023	2.050%	845,000	206,575,000
2017-2N	12/1/2022	2.250%	855,000	207,430,000
2017-1N	6/1/2023	2.300%	875,000	208,305,000
2017-1N	12/1/2023	2.375%	895,000	209,200,000
2017-1N	6/1/2024	2.500%	910,000	210,110,000
2019-1N	12/1/2022	2.600%	930,000	211,040,000
2017-1N	6/1/2025	2.650%	950,000	211,990,000
2017-1N	12/1/2025	2.700%	965,000	212,955,000
2017-1N	6/1/2026	2.850%	990,000	213,945,000
2017-1N	12/1/2026	2.900%	1,760,000	215,705,000
2017-1N	6/1/2027	2.950%	1,785,000	217,490,000
2017-1N	12/1/2027	3.000%	1,830,000	219,320,000
2018-1N	12/19/2019	3.100%	1,865,000	221,185,000
2017-1N	12/1/2028	3.150%	1,900,000	223,085,000
2017-1N	12/1/2032	3.600%	16,675,000	239,760,000
2019-1N	6/1/2022	4.000%	11,250,000	251,010,000
2017-2AR	6/1/2019	1.200%	345,000	251,355,000
2017-2AR	12/1/2019	1.300%	355,000	251,710,000
2017-2AR	6/1/2020	1.450%	360,000	252,070,000
2017-2AR	12/1/2020	1.550%	370,000	252,440,000
2019-1N	12/1/2021	1.650%	380,000	252,820,000
2017-2AR	12/1/2021	1.750%	390,000	253,210,000
2017-2AR	6/1/2022	1.850%	395,000	253,605,000
2017-2AR	12/1/2022	1.900%	405,000	254,010,000
2017-2AR	6/1/2023	2.050%	415,000	254,425,000
2017-2AR	12/1/2023	2.150%	420,000	254,845,000
2017-2AR	6/1/2024	2.300%	435,000	255,280,000
2018-1N	6/19/2019	2.400%	445,000	255,725,000
2019-1N	6/1/2021	2.500%	450,000	256,175,000
2017-2AR	12/1/2025	2.550%	100,000	256,275,000
2017-2N	12/1/2025	2.200%	365,000	256,640,000
2017-2N	6/1/2026	2.350%	475,000	257,115,000
2017-2N	12/1/2026	2.400%	480,000	257,595,000
2017-2N	6/1/2027	2.500%	490,000	258,085,000
2019-1N	12/1/2020	2.550%	505,000	258,590,000
2017-2N	6/1/2028	2.700%	515,000	259,105,000
2017-2AR	12/1/2028	2.750%	530,000	259,635,000
2017-2N	12/1/2032	3.150%	4,660,000	264,295,000
2017-2N	12/1/2037	3.450%	7,235,000	271,530,000
2019-1N	6/1/2020	3.550%	3,200,000	274,730,000
2017-2N	6/1/2047	3.500%	9,580,000	284,310,000
2017-3N	12/1/2023	2.150%	760,000	285,070,000
2017-3N	6/1/2024	2.250%	780,000	285,850,000
2017-3N	12/1/2024	2.300%	795,000	286,645,000
2017-3N	6/1/2025	2.400%	810,000	287,455,000
2017-3N	12/1/2025	2.450%	830,000	288,285,000
2017-3N	6/1/2026	2.600%	850,000	289,135,000
2017-3N	12/1/2026	2.650%	870,000	290,005,000
2019-1N	12/1/2019	2.700%	885,000	290,890,000

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2017-3N	12/1/2027	2.750%	905,000	291,795,000
2017-2AR	6/1/2028	2.800%	925,000	292,720,000
2017-2N	12/1/2028	2.850%	945,000	293,665,000
2017-3N	12/1/2032	3.250%	8,360,000	302,025,000
2017-3N	12/1/2037	3.600%	12,715,000	314,740,000
2017-3N	12/1/2042	3.750%	14,935,000	329,675,000
2017-3N	12/1/2045	3.800%	8,030,000	337,705,000
2017-3N-R	12/1/2021	1.950%	620,000	338,325,000
2017-3N-R	6/1/2022	2.000%	640,000	338,965,000
2017-3N-R	12/1/2022	2.050%	645,000	339,610,000
2017-3N-R	6/1/2023	2.100%	665,000	340,275,000
2017-3A-R	6/1/2019	1.800%	580,000	340,855,000
2017-3A-R	12/1/2019	1.900%	645,000	341,500,000
2017-3A-R	6/1/2020	2.050%	655,000	342,155,000
2017-3A-R	12/1/2020	2.100%	665,000	342,820,000
2017-3A-R	6/1/2021	2.250%	775,000	343,595,000
2017-3N	12/1/2047	4.000%	10,485,000	354,080,000
2016-VR-1N	12/1/2046	Variable Rate	7,500,000	361,580,000
2017-2N	6/19/2019	1.800%	715,000	362,295,000
2018-1N	12/19/2019	1.900%	840,000	363,135,000
2018-1N	6/20/2020	2.000%	855,000	363,990,000
2018-1N	12/20/2020	2.050%	875,000	364,865,000
2018-1N	6/21/2021	2.150%	895,000	365,760,000
2018-1N	12/21/2021	2.200%	915,000	366,675,000
2018-1N	6/22/2022	2.250%	935,000	367,610,000

<u>Series</u>	<u>Maturity</u>	<u>Coupon</u>	<u>Outstanding Par Amount</u>	<u>Cumulative Total</u>
2018-1N	12/22/2022	2.300%	955,000	368,565,000
2018-1N	6/23/2023	2.350%	975,000	369,540,000
2018-1N	12/23/2023	2.400%	995,000	370,535,000
2018-1N	6/24/2024	2.550%	1,015,000	371,550,000
2018-1N	12/24/2024	2.600%	1,045,000	372,595,000
2018-1N	6/25/2025	2.700%	1,060,000	373,655,000
2018-1N	12/25/2025	2.750%	1,085,000	374,740,000
2018-1N	6/26/2026	2.900%	1,110,000	375,850,000
2018-1N	12/26/2026	2.950%	1,135,000	376,985,000
2018-1N	6/27/2027	3.000%	1,160,000	378,145,000
2018-1N	12/27/2027	3.050%	1,185,000	379,330,000
2018-1N	6/28/2028	3.100%	1,210,000	380,540,000
2018-1N	12/28/2028	3.125%	1,235,000	381,775,000
2018-1N	6/29/2029	3.200%	1,265,000	383,040,000
2018-1N	12/29/2029	3.250%	1,290,000	384,330,000
2018-1N	6/30/2030	3.300%	1,320,000	385,650,000
2017-2N	12/30/2030	3.350%	1,345,000	386,995,000
2018-1N	12/1/2033	3.600%	5,125,000	392,120,000
2018-1N	6/1/2037	3.800%	6,390,000	398,510,000
2018-1N	12/1/2048	4.000%	31,260,000	429,770,000
2018-1N-MM	12/1/2048	2.120%	30,000,000	459,770,000
2019-1N	12/1/2019	1.550%	525,000	460,295,000
2019-1N	6/1/2020	1.650%	585,000	460,880,000
2019-1N	12/1/2020	1.700%	605,000	461,485,000
2019-1N	6/1/2021	1.800%	615,000	462,100,000
2017-2AR	12/1/2021	1.850%	635,000	462,735,000
2017-2AR	6/1/2022	1.900%	650,000	463,385,000
2019-1N	12/1/2022	1.950%	665,000	464,050,000
2019-1N	6/1/2023	2.000%	685,000	464,735,000
2019-1N	12/1/2023	2.100%	700,000	465,435,000
2019-1N	6/1/2024	2.150%	720,000	466,155,000
2019-1N	12/1/2024	2.200%	735,000	466,890,000
2019-1N	6/1/2025	2.250%	760,000	467,650,000
2019-1N	12/1/2025	2.350%	775,000	468,425,000
2019-1N	6/1/2026	2.450%	795,000	469,220,000
2019-1N	12/1/2026	2.500%	820,000	470,040,000
2019-1N	6/1/2027	2.600%	835,000	470,875,000
2019-1N	12/1/2027	2.650%	860,000	471,735,000
2019-1N	6/1/2028	2.750%	880,000	472,615,000
2019-1N	12/1/2028	2.800%	905,000	473,520,000
2019-1N	6/1/2029	2.850%	925,000	474,445,000
2019-1N	12/1/2029	2.900%	950,000	475,395,000
2019-1N	6/1/2030	3.000%	980,000	476,375,000
2019-1N	12/1/2030	3.050%	1,000,000	477,375,000
2019-1N	6/1/2031	3.125%	1,025,000	478,400,000
2019-1N	12/1/2031	3.150%	1,050,000	479,450,000
2019-1N	12/1/2034	3.375%	6,910,000	486,360,000
2019-1N	12/1/2039	3.750%	14,130,000	500,490,000
2019-1N	6/1/2043	3.875%	12,425,000	512,915,000
2019-1N	6/1/2026	4.000%	25,065,000	537,980,000
Total Single Family Program Bonds Indenture			537,980,000	