

Washington State Housing Finance Commission Single Family Program Indenture Bonds
 Outstanding Bonds by Coupon - Ranked Highest to Lowest
 Principal Amounts as of June 30, 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%	1,300,000	5,675,000
2015-1N	12/1/2030	3.700%	4,395,000	10,070,000
SF 2014 2N	12/1/2033	3.700%	290,000	10,360,000
SF 2013 1A-R	6/1/2026	3.550%	875,000	11,235,000
2016-2AR	12/1/2046	3.500%	12,370,000	23,605,000
2016-1AR	12/1/2038	3.500%	11,165,000	34,770,000
2015-1AR	6/1/2038	3.500%	9,355,000	44,125,000
SF 2013 1N	12/1/2033	3.500%	13,285,000	57,410,000
2018-1N	12/1/2033	3.500%	5,440,000	62,850,000
2017-2N	12/1/2034	3.450%	6,275,000	69,125,000
2016-2N	12/1/2038	3.450%	3,755,000	72,880,000
SF 2013 1A-R	12/1/2025	3.450%	335,000	73,215,000
SF 2014 2N	12/1/2029	3.400%	2,345,000	75,560,000
2016-2N	12/1/2036	3.350%	12,510,000	88,070,000
2015-1AR	6/1/2026	3.250%	1,325,000	89,395,000
SF 2014 2A-R	6/1/2024	3.250%	435,000	89,830,000
2016-1N	12/1/2036	3.200%	6,465,000	96,295,000
SF 2013 1N	12/1/2028	3.200%	4,910,000	101,205,000
2015-1AR	12/1/2025	3.150%	1,185,000	102,390,000
2019-1N	12/1/2034	3.150%	780,000	103,170,000
2015-1AR	6/1/2025	3.100%	1,155,000	104,325,000
SF 2014 2A-R	6/1/2023	3.100%	905,000	105,230,000
2016-2N	12/1/2031	3.050%	10,425,000	115,655,000
SF 2013 1A-R	6/1/2022	3.050%	970,000	116,625,000
SF 2013 1N	6/1/2043	3.000%	1,625,000	118,250,000
2016-1N	12/1/2031	3.000%	5,110,000	123,360,000
SF 2014 1N	6/1/2037	3.000%	2,190,000	125,550,000
2018-1N	6/29/2029	3.000%	1,135,000	126,685,000
SF 2014 2A-R	6/1/2022	3.000%	860,000	127,545,000
2015-1AR	6/1/2024	2.950%	1,100,000	128,645,000
SF 2014 1A-R	6/1/2020	2.950%	5,000	128,650,000
SF 2013 1A-R	12/1/2021	2.900%	950,000	129,600,000
SF 2013 1A-R	6/1/2021	2.900%	750,000	130,350,000
2015-1AR	12/1/2023	2.850%	1,080,000	131,430,000
2018-1N	6/28/2028	2.750%	1,050,000	132,480,000
SF 2014 2A-R	12/1/2021	2.700%	840,000	133,320,000
2016-2N	12/1/2027	2.650%	1,310,000	134,630,000
2016-2N	6/1/2027	2.600%	1,270,000	135,900,000
2018-1N	12/27/2027	2.600%	1,030,000	136,930,000
2019-1N	12/1/2030	2.600%	915,000	137,845,000
SF 2014 2A-R	6/1/2021	2.600%	820,000	138,665,000
2017-2AR	12/1/2019	2.600%	615,000	139,280,000
2016-1N	12/1/2027	2.550%	1,315,000	140,595,000
SF 2013 1A-R	6/1/2020	2.550%	895,000	141,490,000
2016-1N	6/1/2027	2.500%	1,285,000	142,775,000
2018-1N	6/27/2027	2.500%	1,255,000	144,030,000
2015-1AR	6/1/2022	2.500%	1,000,000	145,030,000
2016-2N	6/1/2026	2.450%	1,245,000	146,275,000
2016-2AR	12/1/2024	2.450%	540,000	146,815,000
2018-1N	12/26/2026	2.400%	1,285,000	148,100,000

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2016-1N	6/1/2026	2.400%	1,255,000	149,355,000
2016-2AR	6/1/2024	2.400%	1,030,000	150,385,000
SF 2013 1A-R	12/1/2019	2.350%	870,000	151,255,000
2016-1N	12/1/2025	2.300%	1,235,000	152,490,000
2018-1N	6/26/2026	2.300%	1,100,000	153,590,000
2015-1AR	12/1/2021	2.300%	980,000	154,570,000
SF 2014 2A-R	12/1/2020	2.300%	800,000	155,370,000
2016-1N	6/1/2025	2.250%	1,205,000	156,575,000
2016-2N	6/1/2025	2.250%	1,080,000	157,655,000
2016-2AR	12/1/2023	2.250%	1,005,000	158,660,000
2016-2AR	6/1/2023	2.200%	985,000	159,645,000
2015-1AR	6/1/2021	2.200%	955,000	160,600,000
2019-1N	12/1/2028	2.200%	785,000	161,385,000
2016-1AR	6/1/2023	2.150%	215,000	161,600,000
2016-1N	12/1/2024	2.050%	1,180,000	162,780,000
2016-1N	6/1/2024	2.050%	1,160,000	163,940,000
2018-1N	6/25/2025	2.050%	1,000,000	164,940,000
2016-2AR	12/1/2022	2.050%	960,000	165,900,000
2016-2AR	6/1/2022	2.050%	940,000	166,840,000
2016-1AR	6/1/2022	2.000%	980,000	167,820,000
2015-1AR	12/1/2020	2.000%	935,000	168,755,000
2016-1N	12/1/2023	2.000%	715,000	169,470,000
2018-1N	12/24/2024	1.900%	960,000	170,430,000
2016-2AR	12/1/2021	1.900%	920,000	171,350,000
2015-1AR	6/1/2020	1.900%	910,000	172,260,000
SF 2014 2A-R	12/1/2019	1.900%	760,000	173,020,000
2019-1N	6/1/2027	1.875%	390,000	173,410,000
2016-2AR	6/1/2021	1.850%	900,000	174,310,000
2016-1AR	6/1/2021	1.800%	935,000	175,245,000
2016-2AR	12/1/2020	1.750%	880,000	176,125,000
2016-2AR	6/1/2020	1.700%	860,000	176,985,000
2015-1AR	12/1/2019	1.700%	220,000	177,205,000
2016-1AR	12/1/2020	1.650%	915,000	178,120,000
2016-1AR	6/1/2020	1.550%	900,000	179,020,000
2016-2AR	12/1/2019	1.550%	840,000	179,860,000
2015-1AR	12/1/2019	1.500%	675,000	180,535,000
2016-1AR	12/1/2019	1.400%	875,000	181,410,000
2019-1N	12/1/2023	1.700%	435,000	181,845,000
2017-1AR	6/1/2020	1.900%	440,000	182,285,000
2017-1AR	12/1/2020	2.000%	445,000	182,730,000
2017-1AR	6/1/2021	2.100%	450,000	183,180,000
2017-1AR	12/1/2021	2.200%	455,000	183,635,000
2017-1AR	6/1/2022	2.350%	460,000	184,095,000
2017-2N	12/1/2022	2.450%	465,000	184,560,000
2017-1AR	6/1/2023	2.600%	470,000	185,030,000
2017-1AR	12/1/2023	2.700%	475,000	185,505,000
2017-1AR	6/1/2024	2.850%	480,000	185,985,000
2018-1N	12/20/2020	2.900%	460,000	186,445,000
2017-1AR	6/1/2039	4.000%	5,395,000	191,840,000
2017-1N	12/1/2019	1.450%	760,000	192,600,000
2017-1N	6/1/2020	1.600%	775,000	193,375,000
2017-1N	12/1/2020	1.700%	795,000	194,170,000
2018-1N	6/20/2020	1.800%	810,000	194,980,000
2017-1N	12/1/2021	1.900%	815,000	195,795,000
2019-1N	6/1/2023	2.050%	845,000	196,640,000

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2017-2N	12/1/2022	2.250%	855,000	197,495,000
2017-1N	6/1/2023	2.300%	875,000	198,370,000
2017-1N	12/1/2023	2.375%	895,000	199,265,000
2017-1N	6/1/2024	2.500%	910,000	200,175,000
2019-1N	12/1/2022	2.600%	930,000	201,105,000
2017-1N	6/1/2025	2.650%	950,000	202,055,000
2017-1N	12/1/2025	2.700%	965,000	203,020,000
2017-1N	6/1/2026	2.850%	990,000	204,010,000
2017-1N	12/1/2026	2.900%	1,760,000	205,770,000
2017-1N	6/1/2027	2.950%	1,785,000	207,555,000
2017-1N	12/1/2027	3.000%	1,830,000	209,385,000
2018-1N	12/19/2019	3.100%	1,865,000	211,250,000
2017-1N	12/1/2028	3.150%	1,900,000	213,150,000
2017-1N	12/1/2032	3.600%	16,675,000	229,825,000
2019-1N	6/1/2022	4.000%	10,790,000	240,615,000
2017-2AR	12/1/2019	1.300%	355,000	240,970,000
2017-2AR	6/1/2020	1.450%	360,000	241,330,000
2017-2AR	12/1/2020	1.550%	370,000	241,700,000
2019-1N	12/1/2021	1.650%	380,000	242,080,000
2017-2AR	12/1/2021	1.750%	390,000	242,470,000
2017-2AR	6/1/2022	1.850%	395,000	242,865,000
2017-2AR	12/1/2022	1.900%	405,000	243,270,000
2017-2AR	6/1/2023	2.050%	415,000	243,685,000
2017-2AR	12/1/2023	2.150%	420,000	244,105,000
2017-2AR	6/1/2024	2.300%	435,000	244,540,000
2018-1N	6/19/2019	2.400%	445,000	244,985,000
2019-1N	6/1/2021	2.500%	450,000	245,435,000
2017-2AR	12/1/2025	2.550%	100,000	245,535,000
2017-2N	12/1/2025	2.200%	365,000	245,900,000
2017-2N	6/1/2026	2.350%	475,000	246,375,000
2017-2N	12/1/2026	2.400%	480,000	246,855,000
2017-2N	6/1/2027	2.500%	490,000	247,345,000
2019-1N	12/1/2020	2.550%	505,000	247,850,000
2017-2N	6/1/2028	2.700%	515,000	248,365,000
2017-2AR	12/1/2028	2.750%	530,000	248,895,000
2017-2N	12/1/2032	3.150%	4,660,000	253,555,000
2017-2N	12/1/2037	3.450%	7,235,000	260,790,000
2019-1N	6/1/2020	3.550%	3,200,000	263,990,000
2017-2N	6/1/2047	3.500%	9,280,000	273,270,000
2017-3N	12/1/2023	2.150%	760,000	274,030,000
2017-3N	6/1/2024	2.250%	780,000	274,810,000
2017-3N	12/1/2024	2.300%	795,000	275,605,000
2017-3N	6/1/2025	2.400%	810,000	276,415,000
2017-3N	12/1/2025	2.450%	830,000	277,245,000
2017-3N	6/1/2026	2.600%	850,000	278,095,000
2017-3N	12/1/2026	2.650%	870,000	278,965,000
2019-1N	12/1/2019	2.700%	885,000	279,850,000
2017-3N	12/1/2027	2.750%	905,000	280,755,000
2017-2AR	6/1/2028	2.800%	925,000	281,680,000
2017-2N	12/1/2028	2.850%	945,000	282,625,000
2017-3N	12/1/2032	3.250%	8,360,000	290,985,000
2017-3N	12/1/2037	3.600%	12,715,000	303,700,000
2017-3N	12/1/2042	3.750%	14,935,000	318,635,000
2017-3N	12/1/2045	3.800%	8,030,000	326,665,000
2017-3N-R	12/1/2021	1.950%	620,000	327,285,000

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2017-3N-R	6/1/2022	2.000%	640,000	327,925,000
2017-3N-R	12/1/2022	2.050%	645,000	328,570,000
2017-3N-R	6/1/2023	2.100%	665,000	329,235,000
2017-3A-R	12/1/2019	1.900%	645,000	329,880,000
2017-3A-R	6/1/2020	2.050%	655,000	330,535,000
2017-3A-R	12/1/2020	2.100%	665,000	331,200,000
2017-3A-R	6/1/2021	2.250%	775,000	331,975,000
2017-3N	12/1/2047	4.000%	10,335,000	342,310,000
2016-VR-1N	12/1/2046	Variable Rate	7,500,000	349,810,000
2018-1N	12/19/2019	1.900%	840,000	350,650,000
2018-1N	6/20/2020	2.000%	855,000	351,505,000
2018-1N	12/20/2020	2.050%	875,000	352,380,000
2018-1N	6/21/2021	2.150%	895,000	353,275,000
2018-1N	12/21/2021	2.200%	915,000	354,190,000
2018-1N	6/22/2022	2.250%	935,000	355,125,000
2018-1N	12/22/2022	2.300%	955,000	356,080,000
2018-1N	6/23/2023	2.350%	975,000	357,055,000
2018-1N	12/23/2023	2.400%	995,000	358,050,000
2018-1N	6/24/2024	2.550%	1,015,000	359,065,000
2018-1N	12/24/2024	2.600%	1,045,000	360,110,000
2018-1N	6/25/2025	2.700%	1,060,000	361,170,000
2018-1N	12/25/2025	2.750%	1,085,000	362,255,000
2018-1N	6/26/2026	2.900%	1,110,000	363,365,000
2018-1N	12/26/2026	2.950%	1,135,000	364,500,000
2018-1N	6/27/2027	3.000%	1,160,000	365,660,000
2018-1N	12/27/2027	3.050%	1,185,000	366,845,000
2018-1N	6/28/2028	3.100%	1,210,000	368,055,000
2018-1N	12/28/2028	3.125%	1,235,000	369,290,000
2018-1N	6/29/2029	3.200%	1,265,000	370,555,000
2018-1N	12/29/2029	3.250%	1,290,000	371,845,000
2018-1N	6/30/2030	3.300%	1,320,000	373,165,000
2017-2N	12/30/2030	3.350%	1,345,000	374,510,000
2018-1N	12/1/2033	3.600%	5,125,000	379,635,000
2018-1N	6/1/2037	3.800%	6,390,000	386,025,000
2018-1N	12/1/2048	4.000%	31,205,000	417,230,000
2018-1N-MM	12/1/2048	2.120%	30,000,000	447,230,000
2019-1N	12/1/2019	1.550%	525,000	447,755,000
2019-1N	6/1/2020	1.650%	585,000	448,340,000
2019-1N	12/1/2020	1.700%	605,000	448,945,000
2019-1N	6/1/2021	1.800%	615,000	449,560,000
2017-2AR	12/1/2021	1.850%	635,000	450,195,000
2017-2AR	6/1/2022	1.900%	650,000	450,845,000
2019-1N	12/1/2022	1.950%	665,000	451,510,000
2019-1N	6/1/2023	2.000%	685,000	452,195,000
2019-1N	12/1/2023	2.100%	700,000	452,895,000
2019-1N	6/1/2024	2.150%	720,000	453,615,000
2019-1N	12/1/2024	2.200%	735,000	454,350,000
2019-1N	6/1/2025	2.250%	760,000	455,110,000
2019-1N	12/1/2025	2.350%	775,000	455,885,000
2019-1N	6/1/2026	2.450%	795,000	456,680,000
2019-1N	12/1/2026	2.500%	820,000	457,500,000
2019-1N	6/1/2027	2.600%	835,000	458,335,000
2019-1N	12/1/2027	2.650%	860,000	459,195,000
2019-1N	6/1/2028	2.750%	880,000	460,075,000
2019-1N	12/1/2028	2.800%	905,000	460,980,000

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2019-1N	6/1/2029	2.850%	925,000	461,905,000
2019-1N	12/1/2029	2.900%	950,000	462,855,000
2019-1N	6/1/2030	3.000%	980,000	463,835,000
2019-1N	12/1/2030	3.050%	1,000,000	464,835,000
2019-1N	6/1/2031	3.125%	1,025,000	465,860,000
2019-1N	12/1/2031	3.150%	1,050,000	466,910,000
2019-1N	12/1/2034	3.375%	6,910,000	473,820,000
2019-1N	12/1/2039	3.750%	14,130,000	487,950,000
2019-1N	6/1/2043	3.875%	12,425,000	500,375,000
2019-1N	6/1/2026	4.000%	25,065,000	525,440,000
Total Single Family Program Bonds Indenture			525,440,000	