

Washington State Housing Finance Commission Single Family Program Indenture Bonds
Outstanding Bonds by Coupon - Ranked Highest to Lowest
Principal Amounts as of December 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	4.60%	2,240,000	2,240,000
SF 2010 1A-R	6/1/2032	4.50%	1,035,000	3,275,000
SF 2018-1N	12/1/2048	4.00%	30,450,000	33,725,000
SF 2019-1N	6/1/2049	4.00%	24,980,000	58,705,000
SF 2017-3N	12/1/2047	4.00%	9,740,000	68,445,000
SF 2017-1N	12/1/2047	4.00%	9,710,000	78,155,000
SF 2017-1AR	6/1/2039	4.00%	4,855,000	83,010,000
SF 2019-1N	6/1/2043	3.88%	12,425,000	95,435,000
SF 2017-3N	12/1/2045	3.80%	8,030,000	103,465,000
SF 2018-1N	6/1/2037	3.80%	6,390,000	109,855,000
SF 2017-3N	12/1/2042	3.75%	14,935,000	124,790,000
SF 2019-2N	12/1/2049	3.75%	14,390,000	139,180,000
SF 2019-1N	12/1/2039	3.75%	14,130,000	153,310,000
SF2015-1N	12/1/2034	3.70%	1,125,000	154,435,000
SF 2014 2N	12/1/2033	3.70%	290,000	154,725,000
SF 2017-3N	12/1/2037	3.60%	12,715,000	167,440,000
SF 2017-1N	12/1/2032	3.60%	12,300,000	179,740,000
SF 2018-1N	12/1/2033	3.60%	5,125,000	184,865,000
SF 2017-2N	6/1/2040	3.55%	3,200,000	188,065,000
SF 2013 1A-R	6/1/2026	3.55%	875,000	188,940,000
SF 2013 1N	12/1/2033	3.50%	13,285,000	202,225,000
SF 2016-2AR	12/1/2046	3.50%	10,810,000	213,035,000
SF 2016-1AR	12/1/2038	3.50%	9,665,000	222,700,000
SF 2017-2N	6/1/2047	3.50%	8,535,000	231,235,000
SF2015-1AR	6/1/2038	3.50%	8,020,000	239,255,000
SF 2014 2A-R	6/1/2044	3.50%	4,525,000	243,780,000
SF 2017-2N	12/1/2037	3.45%	7,235,000	251,015,000
SF2015-1N	12/1/2030	3.45%	6,275,000	257,290,000
SF 2016-2N	12/1/2038	3.45%	3,755,000	261,045,000
SF 2013 1A-R	12/1/2025	3.45%	335,000	261,380,000
SF 2014 2N	12/1/2029	3.40%	2,345,000	263,725,000
SF 2019-1N	12/1/2034	3.38%	6,910,000	270,635,000
SF 2016-2N	12/1/2036	3.35%	12,510,000	283,145,000
SF 2018-1N	12/1/2030	3.35%	1,345,000	284,490,000
SF 2018-1N	6/1/2030	3.30%	1,320,000	285,810,000
SF 2017-3N	12/1/2032	3.25%	8,360,000	294,170,000
SF2015-1AR	6/1/2026	3.25%	1,325,000	295,495,000
SF 2018-1N	12/1/2029	3.25%	1,290,000	296,785,000
SF 2014 2A-R	6/1/2024	3.25%	435,000	297,220,000
SF 2016-1N	12/1/2036	3.20%	6,465,000	303,685,000
SF 2013 1N	12/1/2028	3.20%	4,910,000	308,595,000
SF 2018-1N	6/1/2029	3.20%	1,265,000	309,860,000
SF 2017-2N	12/1/2032	3.15%	4,660,000	314,520,000
SF 2017-1N	12/1/2028	3.15%	1,900,000	316,420,000
SF2015-1AR	12/1/2025	3.15%	1,185,000	317,605,000
SF 2019-1N	12/1/2031	3.15%	1,050,000	318,655,000
SF 2014 2A-R	12/1/2023	3.15%	780,000	319,435,000
SF 2018-1N	12/1/2028	3.13%	1,235,000	320,670,000
SF 2019-1N	6/1/2031	3.13%	1,025,000	321,695,000
SF 2017-1N	6/1/2028	3.10%	1,865,000	323,560,000
SF 2018-1N	6/1/2028	3.10%	1,210,000	324,770,000
SF2015-1AR	6/1/2025	3.10%	1,155,000	325,925,000
SF 2014 2A-R	6/1/2023	3.10%	905,000	326,830,000
SF 2016-2N	12/1/2031	3.05%	10,425,000	337,255,000
SF 2019-2N	12/1/2041	3.05%	3,120,000	340,375,000

<u>Series</u>	<u>Maturity</u>	<u>Coupon</u>	<u>Outstanding Par Amount</u>	<u>Cumulative Total</u>
SF 2018-1N	12/1/2027	3.05%	1,185,000	341,560,000
SF 2019-1N	12/1/2030	3.05%	1,000,000	342,560,000
SF 2013 1A-R	6/1/2022	3.05%	970,000	343,530,000
SF 2019-2N	12/1/2039	3.00%	6,885,000	350,415,000
SF 2016-1N	12/1/2031	3.00%	5,110,000	355,525,000
SF 2017-1N	12/1/2027	3.00%	1,830,000	357,355,000
SF 2014 1N	6/1/2037	3.00%	1,755,000	359,110,000
SF 2018-1N	6/1/2027	3.00%	1,160,000	360,270,000
SF2015-1AR	12/1/2024	3.00%	1,135,000	361,405,000
SF 2013 1N	6/1/2043	3.00%	1,010,000	362,415,000
SF 2019-1N	6/1/2030	3.00%	980,000	363,395,000
SF 2014 2A-R	6/1/2022	3.00%	860,000	364,255,000
SF 2017-1N	6/1/2027	2.95%	1,785,000	366,040,000
SF 2018-1N	12/1/2026	2.95%	1,135,000	367,175,000
SF2015-1AR	6/1/2024	2.95%	1,100,000	368,275,000
SF 2014 1A-R	6/1/2020	2.95%	5,000	368,280,000
SF 2017-1N	12/1/2026	2.90%	1,760,000	370,040,000
SF 2018-1N	6/1/2026	2.90%	1,110,000	371,150,000
SF 2013 1A-R	12/1/2021	2.90%	950,000	372,100,000
SF 2019-1N	12/1/2029	2.90%	950,000	373,050,000
SF 2013 1A-R	6/1/2021	2.90%	750,000	373,800,000
SF 2017-1AR	12/1/2024	2.90%	460,000	374,260,000
SF2015-1AR	12/1/2023	2.85%	1,080,000	375,340,000
SF 2017-1N	6/1/2026	2.85%	990,000	376,330,000
SF 2017-3N	12/1/2028	2.85%	945,000	377,275,000
SF 2019-1N	6/1/2029	2.85%	925,000	378,200,000
SF 2017-1AR	6/1/2024	2.85%	480,000	378,680,000
SF 2017-3N	6/1/2028	2.80%	925,000	379,605,000
SF 2019-1N	12/1/2028	2.80%	905,000	380,510,000
SF 2019-2N	12/1/2034	2.75%	3,550,000	384,060,000
SF 2018-1N	12/1/2025	2.75%	1,085,000	385,145,000
SF2015-1AR	6/1/2023	2.75%	1,050,000	386,195,000
SF 2017-3N	12/1/2027	2.75%	905,000	387,100,000
SF 2019-1N	6/1/2028	2.75%	880,000	387,980,000
SF 2017-2N	12/1/2028	2.75%	530,000	388,510,000
SF 2018-1N	6/1/2025	2.70%	1,060,000	389,570,000
SF 2017-1N	12/1/2025	2.70%	965,000	390,535,000
SF 2017-3N	6/1/2027	2.70%	885,000	391,420,000
SF 2014 2A-R	12/1/2021	2.70%	840,000	392,260,000
SF 2017-2N	6/1/2028	2.70%	515,000	392,775,000
SF 2017-1AR	12/1/2023	2.70%	475,000	393,250,000
SF 2016-2N	12/1/2027	2.65%	1,310,000	394,560,000
SF 2017-1N	6/1/2025	2.65%	950,000	395,510,000
SF 2017-3N	12/1/2026	2.65%	870,000	396,380,000
SF 2019-1N	12/1/2027	2.65%	860,000	397,240,000
SF 2016-2N	6/1/2027	2.60%	1,270,000	398,510,000
SF 2018-1N	12/1/2024	2.60%	1,045,000	399,555,000
SF2015-1AR	12/1/2022	2.60%	1,030,000	400,585,000
SF 2017-1N	12/1/2024	2.60%	930,000	401,515,000
SF 2013 1A-R	12/1/2020	2.60%	915,000	402,430,000
SF 2017-3N	6/1/2026	2.60%	850,000	403,280,000
SF 2019-1N	6/1/2027	2.60%	835,000	404,115,000
SF 2014 2A-R	6/1/2021	2.60%	820,000	404,935,000
SF 2017-1AR	6/1/2023	2.60%	470,000	405,405,000
SF 2016-1N	12/1/2027	2.55%	1,315,000	406,720,000
SF 2018-1N	6/1/2024	2.55%	1,015,000	407,735,000
SF 2013 1A-R	6/1/2020	2.55%	895,000	408,630,000
SF 2017-2N	12/1/2027	2.55%	505,000	409,135,000
SF 2017-2AR	12/1/2025	2.55%	100,000	409,235,000
SF 2016-1N	6/1/2027	2.50%	1,285,000	410,520,000
SF 2016-2N	12/1/2026	2.50%	1,255,000	411,775,000

<u>Series</u>	<u>Maturity</u>	<u>Coupon</u>	<u>Outstanding Par Amount</u>	<u>Cumulative Total</u>
SF2015-1AR	6/1/2022	2.50%	1,000,000	412,775,000
SF 2017-1N	6/1/2024	2.50%	910,000	413,685,000
SF 2019-1N	12/1/2026	2.50%	820,000	414,505,000
SF 2017-2N	6/1/2027	2.50%	490,000	414,995,000
SF 2017-2AR	6/1/2025	2.50%	450,000	415,445,000
SF 2016-2N	6/1/2026	2.45%	1,245,000	416,690,000
SF 2017-3N	12/1/2025	2.45%	830,000	417,520,000
SF 2019-1N	6/1/2026	2.45%	795,000	418,315,000
SF 2016-2AR	12/1/2024	2.45%	540,000	418,855,000
SF 2017-1AR	12/1/2022	2.45%	465,000	419,320,000
SF 2016-1N	12/1/2026	2.40%	1,285,000	420,605,000
SF 2016-1N	6/1/2026	2.40%	1,255,000	421,860,000
SF 2016-2AR	6/1/2024	2.40%	1,030,000	422,890,000
SF 2018-1N	12/1/2023	2.40%	995,000	423,885,000
SF 2017-3N	6/1/2025	2.40%	810,000	424,695,000
SF 2019-2N	12/1/2031	2.40%	555,000	425,250,000
SF 2017-2N	12/1/2026	2.40%	480,000	425,730,000
SF 2017-2AR	12/1/2024	2.40%	445,000	426,175,000
SF 2017-1N	12/1/2023	2.38%	895,000	427,070,000
SF 2018-1N	6/1/2023	2.35%	975,000	428,045,000
SF 2019-1N	12/1/2025	2.35%	775,000	428,820,000
SF 2019-2N	6/1/2031	2.35%	545,000	429,365,000
SF 2017-2N	6/1/2026	2.35%	475,000	429,840,000
SF 2017-1AR	6/1/2022	2.35%	460,000	430,300,000
SF 2019-2A	6/1/2027	2.35%	35,000	430,335,000
SF 2016-1N	12/1/2025	2.30%	1,235,000	431,570,000
SF 2016-2N	12/1/2025	2.30%	1,100,000	432,670,000
SF2015-1AR	12/1/2021	2.30%	980,000	433,650,000
SF 2018-1N	12/1/2022	2.30%	955,000	434,605,000
SF 2017-1N	6/1/2023	2.30%	875,000	435,480,000
SF 2014 2A-R	12/1/2020	2.30%	800,000	436,280,000
SF 2017-3N	12/1/2024	2.30%	795,000	437,075,000
SF 2019-2N	12/1/2030	2.30%	530,000	437,605,000
SF 2017-2AR	6/1/2024	2.30%	435,000	438,040,000
SF 2016-1N	6/1/2025	2.25%	1,205,000	439,245,000
SF 2016-2N	6/1/2025	2.25%	1,080,000	440,325,000
SF 2016-2AR	12/1/2023	2.25%	1,005,000	441,330,000
SF 2018-1N	6/1/2022	2.25%	935,000	442,265,000
SF 2017-3N	6/1/2024	2.25%	780,000	443,045,000
SF 2017-3A-R	6/1/2021	2.25%	775,000	443,820,000
SF 2019-1N	6/1/2025	2.25%	760,000	444,580,000
SF 2019-2N	6/1/2030	2.25%	525,000	445,105,000
SF 2019-2A	12/1/2026	2.25%	460,000	445,565,000
SF 2016-2AR	6/1/2023	2.20%	985,000	446,550,000
SF2015-1AR	6/1/2021	2.20%	955,000	447,505,000
SF 2018-1N	12/1/2021	2.20%	915,000	448,420,000
SF 2014 2A-R	6/1/2020	2.20%	785,000	449,205,000
SF 2019-1N	12/1/2024	2.20%	735,000	449,940,000
SF 2019-2N	12/1/2029	2.20%	515,000	450,455,000
SF 2017-1AR	12/1/2021	2.20%	455,000	450,910,000
SF 2019-2A	6/1/2026	2.20%	450,000	451,360,000
SF 2017-2N	12/1/2025	2.20%	365,000	451,725,000
SF 2018-1N	6/1/2021	2.15%	895,000	452,620,000
SF 2017-3N	12/1/2023	2.15%	760,000	453,380,000
SF 2019-1N	6/1/2024	2.15%	720,000	454,100,000
SF 2019-2A	12/1/2025	2.15%	445,000	454,545,000
SF 2017-2AR	12/1/2023	2.15%	420,000	454,965,000
SF 2016-1AR	6/1/2023	2.15%	215,000	455,180,000
SF 2017-1N	12/1/2022	2.13%	855,000	456,035,000
SF 2019-2N	6/1/2029	2.13%	505,000	456,540,000
SF 2019-1N	12/1/2023	2.10%	700,000	457,240,000

<u>Series</u>	<u>Maturity</u>	<u>Coupon</u>	<u>Outstanding Par Amount</u>	<u>Cumulative Total</u>
SF 2017-3N-R	6/1/2023	2.10%	665,000	457,905,000
SF 2017-3A-R	12/1/2020	2.10%	665,000	458,570,000
SF 2017-1AR	6/1/2021	2.10%	450,000	459,020,000
SF 2019-2A	6/1/2025	2.10%	435,000	459,455,000
SF 2016-1N	12/1/2024	2.05%	1,180,000	460,635,000
SF 2016-1N	6/1/2024	2.05%	1,160,000	461,795,000
SF 2016-1AR	12/1/2022	2.05%	1,000,000	462,795,000
SF 2016-2AR	12/1/2022	2.05%	960,000	463,755,000
SF 2016-2AR	6/1/2022	2.05%	940,000	464,695,000
SF 2018-1N	12/1/2020	2.05%	875,000	465,570,000
SF 2017-1N	6/1/2022	2.05%	845,000	466,415,000
SF 2017-3A-R	6/1/2020	2.05%	655,000	467,070,000
SF 2017-3N-R	12/1/2022	2.05%	645,000	467,715,000
SF 2019-2N	12/1/2028	2.05%	490,000	468,205,000
SF 2019-2A	12/1/2024	2.05%	425,000	468,630,000
SF 2017-2AR	6/1/2023	2.05%	415,000	469,045,000
SF 2016-1AR	6/1/2022	2.00%	980,000	470,025,000
SF2015-1AR	12/1/2020	2.00%	935,000	470,960,000
SF 2018-1N	6/1/2020	2.00%	855,000	471,815,000
SF 2016-1N	12/1/2023	2.00%	715,000	472,530,000
SF 2019-1N	6/1/2023	2.00%	685,000	473,215,000
SF 2017-3N-R	6/1/2022	2.00%	640,000	473,855,000
SF 2019-2N	6/1/2028	2.00%	490,000	474,345,000
SF 2017-1AR	12/1/2020	2.00%	445,000	474,790,000
SF 2019-2A	6/1/2024	2.00%	415,000	475,205,000
SF 2019-1N	12/1/2022	1.95%	665,000	475,870,000
SF 2017-3N-R	12/1/2021	1.95%	620,000	476,490,000
SF 2019-2N	12/1/2027	1.95%	475,000	476,965,000
SF 2016-1AR	12/1/2021	1.90%	960,000	477,925,000
SF 2016-2AR	12/1/2021	1.90%	920,000	478,845,000
SF2015-1AR	6/1/2020	1.90%	910,000	479,755,000
SF 2017-1N	12/1/2021	1.90%	815,000	480,570,000
SF 2019-1N	6/1/2022	1.90%	650,000	481,220,000
SF 2017-1AR	6/1/2020	1.90%	440,000	481,660,000
SF 2019-2N	6/1/2027	1.90%	430,000	482,090,000
SF 2019-2A	12/1/2023	1.90%	410,000	482,500,000
SF 2017-2AR	12/1/2022	1.90%	405,000	482,905,000
SF 2016-1N	6/1/2023	1.88%	390,000	483,295,000
SF 2016-2AR	6/1/2021	1.85%	900,000	484,195,000
SF 2019-1N	12/1/2021	1.85%	635,000	484,830,000
SF 2019-2A	6/1/2023	1.85%	405,000	485,235,000
SF 2017-2AR	6/1/2022	1.85%	395,000	485,630,000
SF 2016-1AR	6/1/2021	1.80%	935,000	486,565,000
SF 2017-1N	6/1/2021	1.80%	810,000	487,375,000
SF 2019-1N	6/1/2021	1.80%	615,000	487,990,000
SF 2019-2A	12/1/2022	1.80%	395,000	488,385,000
SF 2016-2AR	12/1/2020	1.75%	880,000	489,265,000
SF 2017-2AR	12/1/2021	1.75%	390,000	489,655,000
SF 2019-2A	6/1/2022	1.75%	385,000	490,040,000
SF 2016-2AR	6/1/2020	1.70%	860,000	490,900,000
SF 2017-1N	12/1/2020	1.70%	795,000	491,695,000
SF 2019-1N	12/1/2020	1.70%	605,000	492,300,000
SF 2019-2A	12/1/2021	1.70%	380,000	492,680,000
SF 2016-1AR	12/1/2020	1.65%	915,000	493,595,000
SF 2019-1N	6/1/2020	1.65%	585,000	494,180,000
SF 2017-2AR	6/1/2021	1.65%	380,000	494,560,000
SF 2019-2A	6/1/2021	1.65%	375,000	494,935,000
SF 2017-1N	6/1/2020	1.60%	775,000	495,710,000
SF 2016-1AR	6/1/2020	1.55%	900,000	496,610,000
SF 2017-2AR	12/1/2020	1.55%	370,000	496,980,000
SF 2019-2A	12/1/2020	1.55%	365,000	497,345,000

<u>Series</u>	<u>Maturity</u>	<u>Coupon</u>	<u>Outstanding Par Amount</u>	<u>Cumulative Total</u>
SF 2019-2A	6/1/2020	1.50%	150,000	497,495,000
SF 2017-2AR	6/1/2020	1.45%	360,000	497,855,000
SF 2016-VR-1N	12/1/2046	Variable	7,500,000	505,355,000
SF 2018-1N-MM	12/1/2048	Floating	30,000,000	535,355,000

Total Single Family Program Bonds Indentur	535,355,000
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