

Washington State Housing Finance Commission Single Family Program Indenture Bonds
Outstanding Bonds by Coupon - Ranked Highest to Lowest
Principal Amounts as of September 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	4.60%	4,375,000	4,375,000
SF 2010 1A-R	6/1/2032	4.50%	1,300,000	5,675,000
SF 2018-1N	12/1/2048	4.00%	31,205,000	36,880,000
SF 2019-1N	6/1/2049	4.00%	25,065,000	61,945,000
SF 2017-1N	12/1/2047	4.00%	10,790,000	72,735,000
SF 2017-3N	12/1/2047	4.00%	10,335,000	83,070,000
SF 2017-1AR	6/1/2039	4.00%	5,395,000	88,465,000
SF 2019-1N	6/1/2043	3.88%	12,425,000	100,890,000
SF 2017-3N	12/1/2045	3.80%	8,030,000	108,920,000
SF 2018-1N	6/1/2037	3.80%	6,390,000	115,310,000
SF 2017-3N	12/1/2042	3.75%	14,935,000	130,245,000
SF 2019-1N	12/1/2039	3.75%	14,130,000	144,375,000
SF2015-1N	12/1/2034	3.70%	4,395,000	148,770,000
SF 2014 2N	12/1/2033	3.70%	290,000	149,060,000
SF 2017-1N	12/1/2032	3.60%	16,675,000	165,735,000
SF 2017-3N	12/1/2037	3.60%	12,715,000	178,450,000
SF 2018-1N	12/1/2033	3.60%	5,125,000	183,575,000
SF 2017-2N	6/1/2040	3.55%	3,200,000	186,775,000
SF 2013 1A-R	6/1/2026	3.55%	875,000	187,650,000
SF 2013 1N	12/1/2033	3.50%	13,285,000	200,935,000
SF 2016-2AR	12/1/2046	3.50%	12,370,000	213,305,000
SF 2016-1AR	12/1/2038	3.50%	11,165,000	224,470,000
SF2015-1AR	6/1/2038	3.50%	9,355,000	233,825,000
SF 2017-2N	6/1/2047	3.50%	9,280,000	243,105,000
SF 2014 2A-R	6/1/2044	3.50%	5,440,000	248,545,000
SF 2017-2N	12/1/2037	3.45%	7,235,000	255,780,000
SF2015-1N	12/1/2030	3.45%	6,275,000	262,055,000
SF 2016-2N	12/1/2038	3.45%	3,755,000	265,810,000
SF 2013 1A-R	12/1/2025	3.45%	335,000	266,145,000
SF 2014 2N	12/1/2029	3.40%	2,345,000	268,490,000
SF 2019-1N	12/1/2034	3.38%	6,910,000	275,400,000
SF 2016-2N	12/1/2036	3.35%	12,510,000	287,910,000
SF 2018-1N	12/1/2030	3.35%	1,345,000	289,255,000
SF 2018-1N	6/1/2030	3.30%	1,320,000	290,575,000
SF 2017-3N	12/1/2032	3.25%	8,360,000	298,935,000
SF2015-1AR	6/1/2026	3.25%	1,325,000	300,260,000
SF 2018-1N	12/1/2029	3.25%	1,290,000	301,550,000
SF 2014 2A-R	6/1/2024	3.25%	435,000	301,985,000
SF 2016-1N	12/1/2036	3.20%	6,465,000	308,450,000
SF 2013 1N	12/1/2028	3.20%	4,910,000	313,360,000
SF 2018-1N	6/1/2029	3.20%	1,265,000	314,625,000
SF 2017-2N	12/1/2032	3.15%	4,660,000	319,285,000
SF 2017-1N	12/1/2028	3.15%	1,900,000	321,185,000
SF2015-1AR	12/1/2025	3.15%	1,185,000	322,370,000
SF 2019-1N	12/1/2031	3.15%	1,050,000	323,420,000
SF 2014 2A-R	12/1/2023	3.15%	780,000	324,200,000
SF 2018-1N	12/1/2028	3.13%	1,235,000	325,435,000
SF 2019-1N	6/1/2031	3.13%	1,025,000	326,460,000
SF 2017-1N	6/1/2028	3.10%	1,865,000	328,325,000
SF 2018-1N	6/1/2028	3.10%	1,210,000	329,535,000
SF2015-1AR	6/1/2025	3.10%	1,155,000	330,690,000
SF 2014 2A-R	6/1/2023	3.10%	905,000	331,595,000
SF 2016-2N	12/1/2031	3.05%	10,425,000	342,020,000
SF 2018-1N	12/1/2027	3.05%	1,185,000	343,205,000
SF 2019-1N	12/1/2030	3.05%	1,000,000	344,205,000

<u>Series</u>	<u>Maturity</u>	<u>Coupon</u>	<u>Outstanding Par Amount</u>	<u>Cumulative Total</u>
SF 2013 1A-R	6/1/2022	3.05%	970,000	345,175,000
SF 2016-1N	12/1/2031	3.00%	5,110,000	350,285,000
SF 2014 1N	6/1/2037	3.00%	2,190,000	352,475,000
SF 2017-1N	12/1/2027	3.00%	1,830,000	354,305,000
SF 2013 1N	6/1/2043	3.00%	1,625,000	355,930,000
SF 2018-1N	6/1/2027	3.00%	1,160,000	357,090,000
SF2015-1AR	12/1/2024	3.00%	1,135,000	358,225,000
SF 2019-1N	6/1/2030	3.00%	980,000	359,205,000
SF 2014 2A-R	6/1/2022	3.00%	860,000	360,065,000
SF 2017-1N	6/1/2027	2.95%	1,785,000	361,850,000
SF 2018-1N	12/1/2026	2.95%	1,135,000	362,985,000
SF2015-1AR	6/1/2024	2.95%	1,100,000	364,085,000
SF 2014 1A-R	6/1/2020	2.95%	5,000	364,090,000
SF 2017-1N	12/1/2026	2.90%	1,760,000	365,850,000
SF 2018-1N	6/1/2026	2.90%	1,110,000	366,960,000
SF 2013 1A-R	12/1/2021	2.90%	950,000	367,910,000
SF 2019-1N	12/1/2029	2.90%	950,000	368,860,000
SF 2013 1A-R	6/1/2021	2.90%	750,000	369,610,000
SF 2017-1AR	12/1/2024	2.90%	460,000	370,070,000
SF2015-1AR	12/1/2023	2.85%	1,080,000	371,150,000
SF 2017-1N	6/1/2026	2.85%	990,000	372,140,000
SF 2017-3N	12/1/2028	2.85%	945,000	373,085,000
SF 2019-1N	6/1/2029	2.85%	925,000	374,010,000
SF 2017-1AR	6/1/2024	2.85%	480,000	374,490,000
SF 2017-3N	6/1/2028	2.80%	925,000	375,415,000
SF 2019-1N	12/1/2028	2.80%	905,000	376,320,000
SF 2018-1N	12/1/2025	2.75%	1,085,000	377,405,000
SF2015-1AR	6/1/2023	2.75%	1,050,000	378,455,000
SF 2017-3N	12/1/2027	2.75%	905,000	379,360,000
SF 2019-1N	6/1/2028	2.75%	880,000	380,240,000
SF 2017-2N	12/1/2028	2.75%	530,000	380,770,000
SF 2018-1N	6/1/2025	2.70%	1,060,000	381,830,000
SF 2017-1N	12/1/2025	2.70%	965,000	382,795,000
SF 2017-3N	6/1/2027	2.70%	885,000	383,680,000
SF 2014 2A-R	12/1/2021	2.70%	840,000	384,520,000
SF 2017-2N	6/1/2028	2.70%	515,000	385,035,000
SF 2017-1AR	12/1/2023	2.70%	475,000	385,510,000
SF 2016-2N	12/1/2027	2.65%	1,310,000	386,820,000
SF 2017-1N	6/1/2025	2.65%	950,000	387,770,000
SF 2017-3N	12/1/2026	2.65%	870,000	388,640,000
SF 2019-1N	12/1/2027	2.65%	860,000	389,500,000
SF 2016-2N	6/1/2027	2.60%	1,270,000	390,770,000
SF 2018-1N	12/1/2024	2.60%	1,045,000	391,815,000
SF2015-1AR	12/1/2022	2.60%	1,030,000	392,845,000
SF 2017-1N	12/1/2024	2.60%	930,000	393,775,000
SF 2013 1A-R	12/1/2020	2.60%	915,000	394,690,000
SF 2017-3N	6/1/2026	2.60%	850,000	395,540,000
SF 2019-1N	6/1/2027	2.60%	835,000	396,375,000
SF 2014 2A-R	6/1/2021	2.60%	820,000	397,195,000
SF 2014 1A-R	12/1/2019	2.60%	615,000	397,810,000
SF 2017-1AR	6/1/2023	2.60%	470,000	398,280,000
SF 2016-1N	12/1/2027	2.55%	1,315,000	399,595,000
SF 2018-1N	6/1/2024	2.55%	1,015,000	400,610,000
SF 2013 1A-R	6/1/2020	2.55%	895,000	401,505,000
SF 2017-2N	12/1/2027	2.55%	505,000	402,010,000
SF 2017-2AR	12/1/2025	2.55%	100,000	402,110,000
SF 2016-1N	6/1/2027	2.50%	1,285,000	403,395,000
SF 2016-2N	12/1/2026	2.50%	1,255,000	404,650,000
SF2015-1AR	6/1/2022	2.50%	1,000,000	405,650,000
SF 2017-1N	6/1/2024	2.50%	910,000	406,560,000
SF 2019-1N	12/1/2026	2.50%	820,000	407,380,000

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SF 2017-2N	6/1/2027	2.50%	490,000	407,870,000
SF 2017-2AR	6/1/2025	2.50%	450,000	408,320,000
SF 2016-2N	6/1/2026	2.45%	1,245,000	409,565,000
SF 2017-3N	12/1/2025	2.45%	830,000	410,395,000
SF 2019-1N	6/1/2026	2.45%	795,000	411,190,000
SF 2016-2AR	12/1/2024	2.45%	540,000	411,730,000
SF 2017-1AR	12/1/2022	2.45%	465,000	412,195,000
SF 2016-1N	12/1/2026	2.40%	1,285,000	413,480,000
SF 2016-1N	6/1/2026	2.40%	1,255,000	414,735,000
SF 2016-2AR	6/1/2024	2.40%	1,030,000	415,765,000
SF 2018-1N	12/1/2023	2.40%	995,000	416,760,000
SF 2017-3N	6/1/2025	2.40%	810,000	417,570,000
SF 2017-2N	12/1/2026	2.40%	480,000	418,050,000
SF 2017-2AR	12/1/2024	2.40%	445,000	418,495,000
SF 2017-1N	12/1/2023	2.38%	895,000	419,390,000
SF 2018-1N	6/1/2023	2.35%	975,000	420,365,000
SF 2013 1A-R	12/1/2019	2.35%	870,000	421,235,000
SF 2019-1N	12/1/2025	2.35%	775,000	422,010,000
SF 2017-2N	6/1/2026	2.35%	475,000	422,485,000
SF 2017-1AR	6/1/2022	2.35%	460,000	422,945,000
SF 2016-1N	12/1/2025	2.30%	1,235,000	424,180,000
SF 2016-2N	12/1/2025	2.30%	1,100,000	425,280,000
SF2015-1AR	12/1/2021	2.30%	980,000	426,260,000
SF 2018-1N	12/1/2022	2.30%	955,000	427,215,000
SF 2017-1N	6/1/2023	2.30%	875,000	428,090,000
SF 2014 2A-R	12/1/2020	2.30%	800,000	428,890,000
SF 2017-3N	12/1/2024	2.30%	795,000	429,685,000
SF 2017-2AR	6/1/2024	2.30%	435,000	430,120,000
SF 2016-1N	6/1/2025	2.25%	1,205,000	431,325,000
SF 2016-2N	6/1/2025	2.25%	1,080,000	432,405,000
SF 2016-2AR	12/1/2023	2.25%	1,005,000	433,410,000
SF 2018-1N	6/1/2022	2.25%	935,000	434,345,000
SF 2017-1N	12/1/2022	2.13%	855,000	435,200,000
SF 2017-3N	6/1/2024	2.25%	780,000	435,980,000
SF 2017-3A-R	6/1/2021	2.25%	775,000	436,755,000
SF 2019-1N	6/1/2025	2.25%	760,000	437,515,000
SF 2016-2AR	6/1/2023	2.20%	985,000	438,500,000
SF2015-1AR	6/1/2021	2.20%	955,000	439,455,000
SF 2018-1N	12/1/2021	2.20%	915,000	440,370,000
SF 2014 2A-R	6/1/2020	2.20%	785,000	441,155,000
SF 2019-1N	12/1/2024	2.20%	735,000	441,890,000
SF 2017-1AR	12/1/2021	2.20%	455,000	442,345,000
SF 2017-2N	12/1/2025	2.20%	365,000	442,710,000
SF 2018-1N	6/1/2021	2.15%	895,000	443,605,000
SF 2017-3N	12/1/2023	2.15%	760,000	444,365,000
SF 2019-1N	6/1/2024	2.15%	720,000	445,085,000
SF 2017-2AR	12/1/2023	2.15%	420,000	445,505,000
SF 2016-1AR	6/1/2023	2.15%	215,000	445,720,000
SF 2019-1N	12/1/2023	2.10%	700,000	446,420,000
SF 2017-3N-R	6/1/2023	2.10%	665,000	447,085,000
SF 2017-3A-R	12/1/2020	2.10%	665,000	447,750,000
SF 2017-1AR	6/1/2021	2.10%	450,000	448,200,000
SF 2016-1N	12/1/2024	2.05%	1,180,000	449,380,000
SF 2016-1N	6/1/2024	2.05%	1,160,000	450,540,000
SF 2016-1AR	12/1/2022	2.05%	1,000,000	451,540,000
SF 2016-2AR	12/1/2022	2.05%	960,000	452,500,000
SF 2016-2AR	6/1/2022	2.05%	940,000	453,440,000
SF 2018-1N	12/1/2020	2.05%	875,000	454,315,000
SF 2017-1N	6/1/2022	2.05%	845,000	455,160,000
SF 2017-3A-R	6/1/2020	2.05%	655,000	455,815,000
SF 2017-3N-R	12/1/2022	2.05%	645,000	456,460,000

<u>Series</u>	<u>Maturity</u>	<u>Coupon</u>	<u>Outstanding Par Amount</u>	<u>Cumulative Total</u>
SF 2017-2AR	6/1/2023	2.05%	415,000	456,875,000
SF 2016-1AR	6/1/2022	2.00%	980,000	457,855,000
SF2015-1AR	12/1/2020	2.00%	935,000	458,790,000
SF 2018-1N	6/1/2020	2.00%	855,000	459,645,000
SF 2016-1N	12/1/2023	2.00%	715,000	460,360,000
SF 2019-1N	6/1/2023	2.00%	685,000	461,045,000
SF 2017-3N-R	6/1/2022	2.00%	640,000	461,685,000
SF 2017-1AR	12/1/2020	2.00%	445,000	462,130,000
SF 2019-1N	12/1/2022	1.95%	665,000	462,795,000
SF 2017-3N-R	12/1/2021	1.95%	620,000	463,415,000
SF 2016-1AR	12/1/2021	1.90%	960,000	464,375,000
SF 2016-2AR	12/1/2021	1.90%	920,000	465,295,000
SF2015-1AR	6/1/2020	1.90%	910,000	466,205,000
SF 2018-1N	12/1/2019	1.90%	840,000	467,045,000
SF 2017-1N	12/1/2021	1.90%	815,000	467,860,000
SF 2014 2A-R	12/1/2019	1.90%	760,000	468,620,000
SF 2019-1N	6/1/2022	1.90%	650,000	469,270,000
SF 2017-3A-R	12/1/2019	1.90%	645,000	469,915,000
SF 2017-1AR	6/1/2020	1.90%	440,000	470,355,000
SF 2017-2AR	12/1/2022	1.90%	405,000	470,760,000
SF 2016-1N	6/1/2023	1.88%	390,000	471,150,000
SF 2016-2AR	6/1/2021	1.85%	900,000	472,050,000
SF 2019-1N	12/1/2021	1.85%	635,000	472,685,000
SF 2017-2AR	6/1/2022	1.85%	395,000	473,080,000
SF 2016-1AR	6/1/2021	1.80%	935,000	474,015,000
SF 2017-1N	6/1/2021	1.80%	810,000	474,825,000
SF 2019-1N	6/1/2021	1.80%	615,000	475,440,000
SF 2016-2AR	12/1/2020	1.75%	880,000	476,320,000
SF 2017-2AR	12/1/2021	1.75%	390,000	476,710,000
SF 2016-2AR	6/1/2020	1.70%	860,000	477,570,000
SF 2017-1N	12/1/2020	1.70%	795,000	478,365,000
SF 2019-1N	12/1/2020	1.70%	605,000	478,970,000
SF 2017-1AR	12/1/2019	1.70%	435,000	479,405,000
SF2015-1AR	12/1/2019	1.70%	220,000	479,625,000
SF 2016-1AR	12/1/2020	1.65%	915,000	480,540,000
SF 2019-1N	6/1/2020	1.65%	585,000	481,125,000
SF 2017-2AR	6/1/2021	1.65%	380,000	481,505,000
SF 2017-1N	6/1/2020	1.60%	775,000	482,280,000
SF 2016-1AR	6/1/2020	1.55%	900,000	483,180,000
SF 2016-2AR	12/1/2019	1.55%	840,000	484,020,000
SF 2019-1N	12/1/2019	1.55%	525,000	484,545,000
SF 2017-2AR	12/1/2020	1.55%	370,000	484,915,000
SF2015-1AR	12/1/2019	1.50%	675,000	485,590,000
SF 2017-1N	12/1/2019	1.45%	760,000	486,350,000
SF 2017-2AR	6/1/2020	1.45%	360,000	486,710,000
SF 2016-1AR	12/1/2019	1.40%	875,000	487,585,000
SF 2017-2AR	12/1/2019	1.30%	355,000	487,940,000
SF 2016-VR-1N	12/1/2046	Variable	7,500,000	495,440,000
SF 2018-1N-MM	12/1/2048	Floating	30,000,000	525,440,000

Total Single Family Program Bonds Indentur	525,440,000
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