

EMPLOYEES' RETIREMENT SYSTEM HAWAI'I EMPLOYER-UNION HEALTH BENEFITS TRUST FUND OFFICE OF THE PUBLIC DEFENDER

STATE OF HAWAI'I DEPARTMENT OF BUDGET AND FINANCE P.O. BOX 150

HONOLULU, HAWAI'I 96810-0150

ADMINISTRATIVE AND RESEARCH OFFICE BUDGET, PROGRAM PLANNING AND MANAGEMENT DIVISION FINANCIAL ADMINISTRATION DIVISION OFFICE OF FEDERAL AWARDS MANAGEMENT (OFAM)

November 24, 2021

The Honorable Ronald D. Kouchi, President and Members of the Senate Thirty-First State Legislature State Capitol, Room 409 Honolulu, Hawaii 96813

The Honorable Scott K. Saiki, Speaker and Members of the House of Representatives
Thirty-First State Legislature
State Capitol, Room 431
Honolulu, Hawaii 96813

Dear President Kouchi, Speaker Saiki, and Members of the Legislature:

For your information and consideration, I am transmitting copies of the Statement of Total Outstanding Indebtedness of the State of Hawaii and the Statement of the Debt Limit of the State of Hawaii as of July 1, 2021 in accordance with Section 39-92(e) and Section 39-93(d), Part IV of Chapter 39 of the Hawaii Revised Statutes. In accordance with Section 93-16, Hawaii Revised Statutes, I am also informing you that these reports will be available for viewing electronically at the following internet address:

http://budget.hawaii.gov/finance/debt-management

Sincerely,

/s/ Craig K. Hirai

CRAIG K. HIRAI Director of Finance

Enclosures

STATEMENT OF TOTAL OUTSTANDING INDEBTEDNESS OF THE STATE OF HAWAII AS OF JULY 1, 2021

Outstanding indebtedness						
General obligation bonds						
Non-reimbursable general obligation bonds					\$	8,517,919,022
Reimbursable general obligation bonds						46,524,042
Total general obligation bonds					\$	8,564,443,064
Revenue bonds						3,908,698,457
Special purpose revenue bonds						1,217,579,919
Total principal amount of outstanding indebtedness					\$	13,690,721,440
Exclusion from outstanding indebtedness under Article VII,						
section 13, State Constitution						
Reimbursable general obligation bonds					\$	46,524,042
Revenue bonds						3,908,698,457
Special purpose revenue bonds						1,217,579,919
General obligation bonds maturing in the current fiscal y	year					831,732,446
Other constitutional deductions*						200,000,000
Total exclusion from outstanding indebtedness					\$	6,204,534,864
Excess of outstanding indebtedness over exclusions					\$	7,486,186,576
declaration. Although by emergency declaration the BANS issuance of the BANS did not cause the State's debt limit to be					,	
	l harah	v certify	that the information	on contained in the		
				g schedules are true		
			ne best of my know	_		
[SEAL]	IN WI	TNESSV	VHEREOF, I have	hereunto set mv		
• •				of the Department of		
	Budget	and Fin	ance of the State of	f Hawaii to be affixed	l	
	this _	18th	day of	November	, 202	1
			/s/ Craig K. Hirai			
			Director of Finan	ce, State of Hawaii		
CONCUR:			CONCUR:			
/s/ Curt T. Otaguro			/s/ Clare E. Conn	ors		
Comptroller, State of Hawaii			Attorney General	, State of Hawaii		

SUPPORTING SCHEDULE FOR GENERAL OBLIGATION BONDS OF THE STATE OF HAWAII ISSUED AND OUTSTANDING

July 1, 2021

Date of Issue	Original Principal and Description	Rate of Interest	Outstanding Maturity Dates	Amount Due	Outstanding Principal
June 23, 2009	\$ 500,000,000, Series DQ	5.000%	June 1, 2026	11,930,000.00	\$ 11,930,000.00
November 5, 2009	\$ 32,000,000, Series DS, QSCB tax credit bonds	1.200% 1.300% 1.350% 1.450%	September 15, 2021 September 15, 2022 September 15, 2023 September 15, 2024	2,960,000.00 2,960,000.00 3,000,000.00 3,040,000.00	\$ 11,960,000.00
February 18, 2010	\$ 500,000,000, Series DX, BABs, Optional Make-Whole Redemptions	4.800% 4.950% 5.100% 5.230% 5.330% 5.430% 5.480% 5.510% 5.530%	February 1, 2022 February 1, 2023 February 1, 2024 February 1, 2025 February 1, 2026 February 1, 2027 February 1, 2028 February 1, 2029 February 1, 2030	29,350,000.00 30,760,000.00 32,280,000.00 33,930,000.00 35,705,000.00 37,605,000.00 39,650,000.00 41,820,000.00 44,125,000.00	\$ 325,225,000.00
December 7, 2011	\$ 800,000,000, Series DZ	5.000% 3.500% 4.000% 4.000%	December 1, 2021 December 1, 2025 December 1, 2030 December 1, 2031	11,170,000.00 4,400,000.00 10,565,000.00 7,045,000.00	\$ 33,180,000.00
December 7, 2011	\$ 403,455,000, Series EA, refunding	3.000% 4.000% 5.000% 3.250% 4.000% 5.000% 3.000% 5.000%	December 1, 2021 December 1, 2021 December 1, 2021 December 1, 2022 December 1, 2022 December 1, 2022 December 1, 2023 December 1, 2023	950,000.00 20,165,000.00 32,650,000.00 1,875,000.00 13,765,000.00 40,680,000.00 1,000,000.00 58,110,000.00	\$ 169,195,000.00
December 4, 2012	\$ 444,000,000, Series EE	5.000% 5.000% 5.000% 5.000% 3.000% 4.000%	November 1, 2021 November 1, 2022 November 1, 2025 November 1, 2029 November 1, 2030 November 1, 2031 November 1, 2032	21,195,000.00 1,080,000.00 15,260,000.00 10,220,000.00 35,285,000.00 36,545,000.00 38,040,000.00	\$ 157,625,000.00
December 4, 2012	\$ 396,990,000, Series EF, refunding	5.000% 5.000% 5.000% 5.000%	November 1, 2021 November 1, 2022 November 1, 2023 November 1, 2024	50,550,000.00 53,140,000.00 55,865,000.00 58,730,000.00	\$ 218,285,000.00
December 4, 2012	\$ 26,000,000, Series EG, taxable	2.150% 2.250% 2.450% 2.600% 2.750% 2.850% 3.375% 3.050% 3.150% 3.250% 3.350% 3.625%	November 1, 2021 November 1, 2022 November 1, 2023 November 1, 2024 November 1, 2025 November 1, 2026 November 1, 2027 November 1, 2028 November 1, 2029 November 1, 2030 November 1, 2031 November 1, 2032	1,460,000.00 1,490,000.00 1,525,000.00 1,565,000.00 1,610,000.00 1,655,000.00 1,705,000.00 1,760,000.00 1,815,000.00 1,940,000.00 2,010,000.00	\$ 20,410,000.00

Date of Issue	Original Principal and Description	Rate of Interest	Maturity Dates	Amount Due	Outstanding Principal
November 21, 2013	\$ 635,000,000, Series EH	5.000% 4.000% 4.000% 5.000% 5.000% 4.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000%	August 1, 2021 August 1, 2022 August 1, 2023 August 1, 2023 August 1, 2024 August 1, 2025 August 1, 2026 August 1, 2027 August 1, 2027 August 1, 2029 August 1, 2030 August 1, 2031 August 1, 2031 August 1, 2032 August 1, 2032 August 1, 2033 August 1, 2033 August 1, 2033	9,680,000.00 9,480,000.00 600,000.00 13,045,000.00 26,905,000.00 37,970,000.00 30,945,000.00 45,590,000.00 12,415,000.00 7,260,000.00 9,760,000.00 25,445,000.00 17,530,000.00 9,140,000.00	\$ 316,095,000.00
November 21, 2013	\$ 50,860,000, Series EL, refunding	3.000% 5.000% 4.000% 3.000% 5.000%	August 1, 2021 August 1, 2021 August 1, 2022 August 1, 2023 August 1, 2023	1,600,000.00 5,930,000.00 7,860,000.00 1,600,000.00	\$ 23,595,000.00
November 21, 2013	\$ 25,000,000, Series EM	3.100% 3.350% 3.500% 3.750% 3.900% 4.050% 4.200% 4.350% 4.450% 4.650% 4.700% 4.750% 4.800%	August 1, 2021 August 1, 2022 August 1, 2023 August 1, 2024 August 1, 2025 August 1, 2026 August 1, 2027 August 1, 2028 August 1, 2029 August 1, 2030 August 1, 2031 August 1, 2032 August 1, 2032 August 1, 2033	1,285,000.00 1,330,000.00 1,375,000.00 1,425,000.00 1,480,000.00 1,540,000.00 1,605,000.00 1,675,000.00 1,750,000.00 1,835,000.00 1,920,000.00 2,015,000.00 2,110,000.00	\$ 21,345,000.00
November 21, 2013	\$ 29,795,000, Series EN, QSCB -Direct Payment	3.100% 3.350% 3.500% 3.750% 3.900% 4.050% 4.200% 4.350% 4.450% 4.650% 4.750% 4.800%	August 1, 2021 August 1, 2022 August 1, 2023 August 1, 2024 August 1, 2025 August 1, 2026 August 1, 2027 August 1, 2028 August 1, 2029 August 1, 2030 August 1, 2031 August 1, 2032 August 1, 2032 August 1, 2033	1,865,000.00 1,865,000.00 1,865,000.00 1,865,000.00 1,860,000.00 1,860,000.00 1,860,000.00 1,860,000.00 1,860,000.00 1,860,000.00 1,860,000.00 1,860,000.00	\$ 24,200,000.00
November 25, 2014	\$ 575,000,000, Series EO	5.000% 5.000% 3.000% 5.000% 4.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000%	August 1, 2021 August 1, 2022 August 1, 2023 August 1, 2024 August 1, 2024 August 1, 2024 August 1, 2025 August 1, 2025 August 1, 2026 August 1, 2026 August 1, 2027 August 1, 2027 August 1, 2027 August 1, 2028 August 1, 2029 August 1, 2029 August 1, 2030 August 1, 2031 August 1, 2031 August 1, 2032 August 1, 2032 August 1, 2032	23,110,000.00 22,905,000.00 2,095,000.00 10,560,000.00 5,305,000.00 25,720,000.00 31,850,000.00 440,000.00 30,825,000.00 2,130,000.00 37,795,000.00 37,695,000.00 2,020,000.00 41,735,000.00 23,750,000.00 20,000,000.00 20,000,000.00 20,000,000.00	

Date of Issue	Original Principal and Description	Rate of Interest	Maturity Dates	Amount Due	Outstanding Principal
		4.000% 5.000% 3.500% 5.000% 4.000%	August 1, 2033 August 1, 2033 August 1, 2034 August 1, 2034 August 1, 2034	27,815,000.00 20,000,000.00 7,890,000.00 20,000,000.00 22,060,000.00	\$ 496,015,000.00
November 25, 2014	\$ 209,015,000, Series EP, refunding	5.000% 5.000% 5.000% 5.000% 5.000% 5.000%	August 1, 2021 August 1, 2022 August 1, 2023 August 1, 2024 August 1, 2025 August 1, 2026	24,080,000.00 25,315,000.00 26,615,000.00 27,980,000.00 29,410,000.00 30,920,000.00	\$ 164,320,000.00
November 25, 2014	\$ 25,000,000, Series EQ, taxable, Make-Whole Optional Redemption	2.648% 2.787% 2.957% 3.107% 3.257% 3.557% 3.557% 3.537% 3.637% 3.715% 3.765% 3.815% 3.865% 3.915%	August 1, 2021 August 1, 2022 August 1, 2023 August 1, 2024 August 1, 2025 August 1, 2026 August 1, 2027 August 1, 2028 August 1, 2029 August 1, 2030 August 1, 2031 August 1, 2032 August 1, 2032 August 1, 2033 August 1, 2033	1,290,000.00 1,325,000.00 1,365,000.00 1,405,000.00 1,450,000.00 1,500,000.00 1,555,000.00 1,610,000.00 1,730,000.00 1,795,000.00 1,865,000.00 1,940,000.00 2,015,000.00	\$ 22,510,000.00
October 29, 2015	\$ 190,000,000, Series ET	4.000% 4.000% 3.000% 5.000% 5.000% 4.000% 4.000% 3.000% 5.000% 5.000% 5.000% 4.000% 4.000%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2031 October 1, 2032 October 1, 2033 October 1, 2034 October 1, 2034	8,220,000.00 8,555,000.00 8,860,000.00 9,220,000.00 9,695,000.00 10,140,000.00 5,000,000.00 5,990,000.00 11,385,000.00 12,460,000.00 12,980,000.00 13,460,000.00 14,010,000.00 14,585,000.00	\$ 166,965,000.00
October 29, 2015	\$ 35,000,000, Series EU, Green Bonds	3.000% 2.000% 3.000% 2.000% 3.000% 3.000% 3.000% 3.000% 3.125% 3.250% 3.250% 3.250% 3.375% 3.500%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2029 October 1, 2030 October 1, 2031 October 1, 2032 October 1, 2032 October 1, 2033 October 1, 2034 October 1, 2034	1,650,000.00 1,695,000.00 1,735,000.00 1,780,000.00 1,825,000.00 1,875,000.00 1,930,000.00 2,950,000.00 2,110,000.00 2,180,000.00 2,250,000.00 2,325,000.00 2,405,000.00 2,490,000.00	\$ 30,285,000.00
October 29, 2015	\$ 25,035,000, Series EX, refunding	2.000% 3.000% 3.000% 3.000%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025	3,480,000.00 3,565,000.00 3,675,000.00 3,790,000.00 3,905,000.00	\$ 18,415,000.00
October 29, 2015	\$ 212,120,000, Series EY, refunding	5.000% 5.000%	October 1, 2021 October 1, 2022	23,245,000.00 24,440,000.00	

Date of Issue	Original Principal and Description	Rate of Interest	Maturity Dates	Amount Due	Outstanding Principal
		5.000% 5.000% 5.000% 5.000% 5.000%	October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027	25,690,000.00 27,010,000.00 28,395,000.00 29,850,000.00 31,380,000.00	\$ 190,010,000.00
October 29, 2015	\$ 215,590,000, Series EZ, refunding	5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028	18,830,000.00 19,795,000.00 20,810,000.00 21,880,000.00 23,000,000.00 24,180,000.00 25,420,000.00 26,725,000.00	\$ 180,640,000.00
October 29, 2015	\$ 25,000,000, Series FA, taxable, Make-Whole Optional Redemption	2.270% 2.530% 2.680% 4.000% 3.050% 3.150% 3.500% 3.650% 3.750% 4.050% 4.180% 4.300% 4.400%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2026 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2031 October 1, 2032 October 1, 2032 October 1, 2033 October 1, 2034 October 1, 2034 October 1, 2035	1,140,000.00 1,170,000.00 1,200,000.00 1,240,000.00 1,285,000.00 1,325,000.00 1,370,000.00 1,415,000.00 1,465,000.00 1,520,000.00 1,580,000.00 1,645,000.00 1,715,000.00 1,790,000.00 1,870,000.00	\$ 21,730,000.00
April 14, 2016	\$ 500,000,000, Series FB	5.000% 5.000% 5.000% 5.000% 4.000% 4.000% 4.000% 4.000% 4.000% 3.000% 3.000% 3.000% 3.000%	April 1, 2022 April 1, 2023 April 1, 2024 April 1, 2025 April 1, 2026 April 1, 2027 April 1, 2028 April 1, 2028 April 1, 2030 April 1, 2031 April 1, 2032 April 1, 2032 April 1, 2033 April 1, 2034 April 1, 2035 April 1, 2035 April 1, 2036	21,375,000.00 22,485,000.00 23,610,000.00 24,785,000.00 26,025,000.00 27,020,000.00 29,505,000.00 30,685,000.00 31,910,000.00 34,140,000.00 35,165,000.00 36,220,000.00 37,310,000.00	\$ 441,795,000.00
April 14, 2016	\$ 219,690,000, Series FE, refunding	3.000% 5.000% 5.000% 4.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000%	October 1, 2021 October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2028 October 1, 2028	1,870,000.00 17,340,000.00 20,175,000.00 1,480,000.00 19,720,000.00 22,280,000.00 225,000.00 23,195,000.00 24,620,000.00 25,885,000.00 200,000.00 27,010,000.00	\$ 184,000,000.00
April 14, 2016	\$ 119,730,000, Series FF, refunding, taxable, Make-Whole Optional Redemption	1.934% 2.074% 2.255% 2.402% 2.552% 2.652% 2.802% 2.902%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028	11,255,000.00 11,480,000.00 11,730,000.00 12,010,000.00 12,310,000.00 12,635,000.00 12,985,000.00 13,360,000.00	\$ 97,765,000.00

Date of Issue	Original Principal and Description	Rate of Interest	Maturity Dates	Amount Due	Outstanding Principal
October 13, 2016	\$ 375,000,000, Series FG	3.000% 5.000% 3.000% 5.000% 4.000% 5.000% 4.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 4.000% 4.000% 4.000% 4.000%	October 1, 2021 October 1, 2021 October 1, 2022 October 1, 2022 October 1, 2023 October 1, 2023 October 1, 2024 October 1, 2024 October 1, 2025 October 1, 2025 October 1, 2025 October 1, 2026 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2031 October 1, 2031 October 1, 2032 October 1, 2033 October 1, 2034 October 1, 2034 October 1, 2035	100,000.00 14,705,000.00 2,315,000.00 13,225,000.00 5,000,000.00 11,285,000.00 340,000.00 16,755,000.00 1,125,000.00 5,000,000.00 13,855,000.00 19,795,000.00 20,810,000.00 21,875,000.00 22,995,000.00 24,180,000.00 25,285,000.00 26,320,000.00 27,395,000.00 28,515,000.00	
		4.000%	October 1, 2036	29,675,000.00	\$ 347,385,000.00
October 13, 2016	\$ 379,295,000, Series FH, refunding	3.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 4.000%	October 1, 2021 October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2031	15,000,000.00 11,715,000.00 27,935,000.00 29,360,000.00 30,875,000.00 32,455,000.00 34,115,000.00 37,710,000.00 39,645,000.00 41,460,000.00 43,155,000.00	\$ 379,295,000.00
October 13, 2016	\$ 2,710,000, Series FI, refunding	2.000% 2.000% 3.000% 3.000% 3.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2031 October 1, 2032 October 1, 2032 October 1, 2032	165,000.00 170,000.00 175,000.00 185,000.00 185,000.00 200,000.00 210,000.00 220,000.00 235,000.00 240,000.00 255,000.00	\$ 2,710,000.00
October 13, 2016	\$ 25,000,000, Series FJ, taxable	1.620% 1.921%	October 1, 2021 October 1, 2022	5,060,000.00 5,155,000.00	\$ 10,215,000.00
May 24, 2017	\$ 575,000,000, Series FK	3.000% 4.000% 2.000% 4.000% 5.000% 3.000% 4.000% 5.000% 4.000% 5.000% 3.000% 4.000% 5.000% 3.000% 4.000% 5.000% 3.000%	May 1, 2022 May 1, 2022 May 1, 2023 May 1, 2023 May 1, 2023 May 1, 2024 May 1, 2024 May 1, 2024 May 1, 2025 May 1, 2025 May 1, 2025 May 1, 2025 May 1, 2026 May 1, 2026 May 1, 2026 May 1, 2026 May 1, 2027 May 1, 2028	4,335,000.00 19,020,000.00 590,000.00 10,000,000.00 13,655,000.00 1,300,000.00 6,000,000.00 18,040,000.00 24,760,000.00 695,000.00 27,045,000.00 475,000.00 4,75,000.00 27,350,000.00 27,350,000.00 500,000.00	

Date of Issue	Original Principal and Description	Rate of Interest	Maturity Dates	Amount Due	Outstanding Principal
		5.000% 4.000% 5.000% 3.000% 4.000% 4.000% 3.250% 5.000% 4.000% 4.000% 4.000% 4.000%	May 1, 2028 May 1, 2029 May 1, 2039 May 1, 2030 May 1, 2030 May 1, 2031 May 1, 2032 May 1, 2033 May 1, 2033 May 1, 2034 May 1, 2035 May 1, 2036 May 1, 2037	30,135,000.00 10,000,000.00 22,155,000.00 5,000,000.00 28,665,000.00 34,960,000.00 15,000,000.00 22,815,000.00 41,415,000.00 43,070,000.00 24,795,000.00	\$ 530,800,000.00
May 24, 2017	\$ 229,355,000, Series FN, refunding	5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2028 October 1, 2030 October 1, 2030 October 1, 2031	16,035,000.00 16,860,000.00 17,725,000.00 18,630,000.00 19,590,000.00 20,590,000.00 21,650,000.00 22,760,000.00 23,925,000.00 25,150,000.00 26,440,000.00	\$ 229,355,000.00
May 24, 2017	\$ 7,500,000, Series FP, taxable, Make-Whole Optional Redemption	2.400% 2.600% 2.800% 2.950% 3.050% 3.200% 3.400% 3.550% 3.650% 3.700% 3.740% 3.840% 3.890% 3.940%	May 1, 2022 May 1, 2023 May 1, 2024 May 1, 2025 May 1, 2026 May 1, 2027 May 1, 2028 May 1, 2029 May 1, 2030 May 1, 2031 May 1, 2032 May 1, 2032 May 1, 2033 May 1, 2034 May 1, 2035 May 1, 2036 May 1, 2036 May 1, 2037	335,000.00 345,000.00 355,000.00 365,000.00 375,000.00 400,000.00 410,000.00 425,000.00 440,000.00 475,000.00 490,000.00 510,000.00 530,000.00	\$ 6,845,000.00
December 21, 2017	\$ 15,090,000, Series FR, Direct Purchase, refunding	2.180%	October 1, 2021	3,890,000.00	\$ 3,890,000.00
December 21, 2017	\$ 275,363,064.26, Series FS, Direct Purchase, refunding	2.220% 2.270% 2.340% 2.390% 2.460% 2.520% 2.580% 2.660% 2.730% 2.810% 2.880% 2.950%	October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2031 October 1, 2032 October 1, 2032 October 1, 2032	19,970,635.58 20,424,123.43 20,900,472.76 21,400,747.22 21,926,178.14 22,479,106.88 23,059,815.25 23,672,126.14 24,318,918.66 25,002,152.13 25,723,855.90 26,484,932.17	\$ 275,363,064.26
February 14, 2018	\$ 631,215,000, Series FT	4.000% 5.000% 3.000% 5.000% 4.000% 5.000% 4.000% 5.000% 4.000% 4.000%	January 1, 2022 January 1, 2022 January 1, 2023 January 1, 2023 January 1, 2024 January 1, 2024 January 1, 2025 January 1, 2025 January 1, 2026 January 1, 2026 January 1, 2026 January 1, 2027	1,665,000.00 23,025,000.00 1,395,000.00 24,515,000.00 1,875,000.00 25,305,000.00 4,775,000.00 23,745,000.00 1,300,000.00 28,595,000.00 85,000.00	

Date of Issue	Original Principal and Description	Rate of Interest	Maturity Dates	Amount Due		Outstanding Principal
		5.000% 4.000% 5.000% 5.000% 5.000% 5.000% 4.000% 5.000% 4.000% 5.000% 5.000% 5.000% 5.000% 4.000% 5.000%	January 1, 2027 January 1, 2028 January 1, 2029 January 1, 2030 January 1, 2031 January 1, 2032 January 1, 2032 January 1, 2032 January 1, 2033 January 1, 2033 January 1, 2034 January 1, 2034 January 1, 2035 January 1, 2035 January 1, 2036	31,280,000.00 1,035,000.00 31,900,000.00 34,570,000.00 36,295,000.00 38,110,000.00 20,000,000.00 760,000.00 41,060,000.00 23,895,000.00 25,000,000.00 20,890,000.00 6,280,000.00 41,470,000.00 20,000,000.00		
		5.000% 5.000%	January 1, 2037 January 1, 2038	30,035,000.00 52,335,000.00	\$	631,215,000.00
February 21, 2019	\$ 431,665,000, Series FW	2.000% 5.000% 5.000% 4.000% 5.000%	January 1, 2023 January 1, 2024 January 1, 2024 January 1, 2024 January 1, 2025 January 1, 2025 January 1, 2026 January 1, 2027 January 1, 2029 January 1, 2029 January 1, 2030 January 1, 2030 January 1, 2031 January 1, 2031 January 1, 2032 January 1, 2033 January 1, 2033 January 1, 2034 January 1, 2034 January 1, 2035 January 1, 2035 January 1, 2035 January 1, 2036 January 1, 2036 January 1, 2037 January 1, 2037 January 1, 2038 January 1, 2038 January 1, 2038 January 1, 2038 January 1, 2039 January 1, 2039	3,000,000.00 14,025,000.00 4,600,000.00 13,185,000.00 4,095,000.00 14,445,000.00 19,425,000.00 20,395,000.00 21,415,000.00 2500,000.00 23,405,000.00 24,760,000.00 25,000,000.00 24,760,000.00 25,000,000.00 24,795,000.00 15,200,000.00 24,910,000.00 24,910,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,000,000.00 15,000,000.00 12,500,000.00 12,500,000.00 23,365,000.00	S	431,665,000.00
February 21, 2019	\$ 75,000,000, Series FX, taxable, Make-Whole Optional Redemption	2.770%	January 1, 2022	25,655,000.00	\$	25,655,000.00
April 14, 2020	\$ 600,000,000, General Obligation Bond Anticipation Notes, taxable, Direct Purchase, Make-Whole Redemption (October 15, 2021 maturity only)	1.760%	October 15, 2021	200,000,000.00	\$	200,000,000.00
August 12, 2020	\$ 995,000,000, Series FZ, taxable, Make-Whole Optional Redemption	0.670% 0.893% 2.000% 1.145% 1.295% 1.395% 1.595% 1.695% 1.865% 1.975% 2.065% 2.145% 2.215%	August 1, 2025 August 1, 2026 August 1, 2027 August 1, 2028 August 1, 2029 August 1, 2030 August 1, 2031 August 1, 2032 August 1, 2033 August 1, 2034 August 1, 2035 August 1, 2036 August 1, 2037 August 1, 2037	55,235,000.00 55,670,000.00 56,485,000.00 57,380,000.00 58,080,000.00 58,870,000.00 60,745,000.00 61,840,000.00 63,040,000.00 64,325,000.00 65,695,000.00 67,140,000.00 68,655,000.00		

Date of Issue	Original Principal and Description	Rate of Interest	Maturity Dates	Amount Due	 Outstanding Principal
		2.283% 2.293%	August 1, 2039 August 1, 2040	70,230,000.00 71,855,000.00	\$ 995,000,000.00
October 29, 2020	\$ 147,555,000, Series GA	5.000%	October 1, 2021	147,555,000.00	\$ 147,555,000.00
October 29, 2020	\$ 600,000,000, Series GB, taxable, Make-Whole Optional Redemption	0.429% 0.571% 0.802% 0.852%	October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025	150,000,000.00 150,000,000.00 150,000,000.00 150,000,000.00	\$ 600,000,000.00
October 29, 2020	\$ 400,000,000, Series GC, refunding, taxable, Make-Whole Optional Redemption	0.852% 1.112% 1.252% 1.518% 1.618% 1.718% 1.868% 2.018% 2.168% 2.368% 2.368% 2.532% 2.632% 2.682% 2.712% 2.782%	October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2027 October 1, 2029 October 1, 2030 October 1, 2031 October 1, 2032 October 1, 2033 October 1, 2034 October 1, 2035 October 1, 2035 October 1, 2036 October 1, 2037 October 1, 2038 October 1, 2038 October 1, 2039 October 1, 2040	21,870,000.00 22,085,000.00 22,350,000.00 22,3660,000.00 23,020,000.00 23,405,000.00 24,295,000.00 24,810,000.00 25,365,000.00 25,960,000.00 26,605,000.00 27,300,000.00 28,035,000.00 29,605,000.00	\$ 400,000,000.00

Total of all State of Hawaii general obligation bonds and general obligation refunding bonds issued and outstanding

\$ 8,564,443,064.26

REIMBURSABLE GENERAL OBLIGATION BONDS ISSUED AND OUTSTANDING AS OF JULY 1, 2021

Reimbursable general obligation bonds issued for a public undertaking, improvement system:

For harbors, with the debt service to be reimbursed from the revenues of the harbors undertaking	\$	16,239,042
For Department of Land and Natural Resources, with debt service to be reimbursed from transient accommodations tax revenues and moneys		
from the land conservation fund		30,285,000
Total reimbursable general obligation bonds issued for a public undertaking, improvement or system	\$	46,524,042
Reimbursable general obligation bonds issued for a public undertaking,		
improvement or system excludable under Article VII, section 13,	¢	46 504 040
paragraph 4, clause 6 of the State Constitution	\$	46,524,042

Table C
SUPPORTING SCHEDULE FOR REIMBURSABLE GENERAL OBLIGATION BONDS FISCAL YEAR ENDING JUNE 30, 2021

rplus revenues olus user taxes		<u>Harbor</u>		Natural <u>sources*</u>
ht forward	\$	163,686,755	\$	7,224,193
collected		167,427,374		3,000,000
ailable revenues		004 444 400		10.004.100
r taxes	<u>\$</u>	331,114,129	<u> </u>	10,224,193
penditures:				
Cost of				
operations, maintenance,				
and repair	\$	56,795,262	\$	-
Debt service on				
issue	\$	33,141,248	\$	-
Debt service paid by the State for reimbursable general obligation				
bonds	\$	3,380,764	\$	2,531,519
amount of ursement paid eneral fund net revenues charges for d (b) above peen paid	\$	3,380,764	\$	2,531,519
age of ursable general tion bonds may be ded under the Constitution determining the of the State ue general tion bonds		100%		100%
	plus user taxes int forward venues or user collected ailable revenues r taxes penditures: Cost of operations, maintenance, and repair Debt service on revenue bonds issue Debt service paid by the State for reimbursable general obligation bonds amount of ursement paid eneral fund het revenues charges for d (b) above been paid age of ursable general ation bonds may be ded under the Constitution determining the of the State	plus user taxes Int forward \$ Interest collected In	plus user taxes Int forward Intervences or user collected Intervences Interven	of the super taxes in the forward super taxes in the forward super taxes in the forward super taxes of taxes super

Note: *Pursuant to Act 121, Session Laws of Hawaii 2015

REVENUE BONDS ISSUED AND OUTSTANDING AS OF JULY 1, 2021

Department of Transportation	
Airports	
System revenue	\$ 1,532,945,000
Special facilities revenue	435,600,000
Harbors	
Revenue	354,945,000
Highways	
Revenue	533,570,000
University of Hawaii	
Revenue	454,005,000
Hawaii Housing Finance and Development Corporation	
Single family mortgage purchase	4,861,991
Multi-family housing	463,898,159
Hawaiian Home Lands	
Revenue	24,915,000
Hawaii Health Systems Corporation (Maui Regional Health Care System)	
Revenue	16,635,763
Department of Business, Economic Development, and Tourism	

Statutory obligation to impose rates, rentals and charges:

Revenue

Airports - System revenue: Sections 39-61 and 261-5, Hawaii Revised Statutes, as amended

- Special facility: Sections 39-61 and 261-54, Hawaii Revised Statutes, as amended

87,322,544

\$ 3,908,698,457

Harbors - Revenue: Sections 39-61 and 266-17, Hawaii Revised Statutes, as amended

- Special facility: Sections 39-61 and 266-54, Hawaii Revised Statutes, as amended

Highways - Revenue: Section 39-61, Hawaii Revised Statutes, as amended

Total revenue bonds, issued and outstanding, all of which are excludable

under Article VII, section 13, paragraph 4, clause 2 of the State Constitution

State parking - Sections 39-61 and 107-11(a) Hawaii Revised Statutes, as amended

University of Hawaii - Section 304A-2512, Hawaii Revised Statutes, as amended

Hawaii Housing Finance and Development Corporation - Section 201H-100, Hawaii Revised Statutes, as amended

Hawaiian Home Lands - Section 39-61, Hawaii Revised Statutes, as amended, and Section 204.5, Hawaiian Homes Commission Act, Hawaii Revised Statutes, as amended

Hawaii Health Systems Corporation - Sections 39-61 and 323F-7, Hawaii Revised Statutes, as amended Department of Business, Economic Development and Tourism - Sections 39-53 and 39-61, as amended

Statutory obligation to pay revenues into special fund:

Airports - System revenue: Sections 39-62, 248-8 and 261-5, Hawaii Revised Statutes, as amended

- Special facility: Sections 261-54, 261-55(6) and (9), and 39-62, Hawaii Revised Statutes, as amended
- Harbors Revenue: Sections 39-62 and 266-19, Hawaii Revised Statutes, as amended
 - Special facility: Sections 266-54, 266-55(6) and (9), and 39-62, Hawaii Revised Statutes, as amended
- Highways Revenue: Sections 39-62, 248-8, 249-31, 249-33, and 264-10, Hawaii Revised Statutes, as amended

State parking - Sections 39-62 and 107-11(f), Hawaii Revised Statutes, as amended

University of Hawaii - Section 304A-2167, Hawaii Revised Statutes, as amended

Hawaii Housing Finance and Development Corporation - Sections 201H-80 and 201H-100, Hawaii Revised Statutes, as amended

Hawaiian Home Lands - Section 213.5, Hawaiian Homes Commission Act, Hawaii Revised Statutes, as amended

Hawaii Health Systems Corporation - Sections 39-62 and 323F-21, Hawaii Revised Statutes, as amended Department of Business, Economic Development and Tourism - Sections 39-53 and 39-62, as amended

SPECIAL PURPOSE REVENUE BONDS ISSUED AND OUTSTANDING, AND AUTHORIZED AND UNISSUED July 1, 2021

Special purpose revenue bonds issued and outstanding* Health care facilities provided to the general public by not-for-profit corporations Craigside Retirement Residence Hawaii Pacific Health Systems Kahala Senior Living Community, Inc. Kuakini Medical Center The Queen's Health Systems	54,376,599 187,893,320 50,195,000 18,050,000 262,275,000
	\$ 572,789,919
Utilities serving the general public Hawaii Electric Light Company, Inc. Hawaiian Electric Company, Inc. Maui Electric Company, Limited	95,500,000 362,000,000 84,500,000
	\$ 542,000,000
Not-for-profit private nonsectarian and sectarian elementary schools, secondary schools, colleges and universities serving the general public	00 000 000
Chaminade University	20,660,000
Hawaii Pacific University Mid-Pacific Institute	72,610,000 9,520,000
Wird-r admentistrate	\$ 102,790,000
Total special purpose revenue bonds, issued and outstanding	\$ 1,217,579,919
Special purpose revenue bonds authorized and unissued Health care facilities provided to the general public by not-for-profit corporations	
G.N. Wilcox Hospital	\$ 10,500,000
Kaiser Foundation Hospital	1,400,000
The Queen's Health Systems	12,120,000
St. Francis Hospital Wahiawa General Hospital	26,640,000 6,000,000
Luana Kai A Life Plan Community	500,000,000
Wahiawa General Hospital	12,000,000
Traillana Canala Trospita	\$ 568,660,000
Utilities serving the general public	
Hawaii Electric Light Company	150,000,000
Hawaiian Electric Company, Inc.	400,000,000
Maui Electric Company, Limited	 150,000,000
	\$ 700,000,000

SPECIAL PURPOSE REVENUE BONDS ISSUED AND OUTSTANDING, AND AUTHORIZED AND UNISSUED July 1, 2020 (continued) Page 2

Industrial enterprises	
E Ola Mau Na Leo O Kekaha	10,000,000
Honolulu Seawater Air Conditioning LLC	77,000,000
Kaiuli Energy, LLC	200,000,000
Mele Associates, Inc.	50,000,000
Pearl Harbor Floating Drydock, LLC	60,000,000
Trevi Systems, Inc. / Kona Coast Water LLC	100,000,000
HK Management LLC	95,000,000
Kaunalewa, Kekaha Sugar Mill	 10,000,000
	\$ 602,000,000
Agricultural Enterprises	
Honokaa Land Company, LLC	50,000,000
Kunoa Cattle Company, LLC	50,000,000
Maui Grown Coffee, Inc.	13,000,000
Twin Bridge Farms, Inc.	9,000,000
Pueo Development, LLC	 80,000,000
	\$ 202,000,000
Dam and Reservoir Owners	
Nuuanu Hydroelectricty Project - Nuuanu Reservoir #1	4,800,000
Nuuanu Hydroelectricty Project - Nuuanu Reservoir #4	6,400,000
	\$ 11,200,000
Total special purpose revenue bonds, authorized but unissued	\$ 2,083,860,000 **

^{*} Special purpose revenue bonds excludable under Article VII, section 13, paragraph 4, clause 3 of the State Constitution.

^{**} Not included in the total are the amount of refunding special purpose revenue bonds authorized by the State Legislature in various acts.

GENERAL OBLIGATION BONDS MATURING DURING THE PERIOD JULY 2, 2021 TO JUNE 30, 2022

Total general obligation bonds maturing during the period	\$ 835,955,000
Less reimbursable general obligation bonds maturing during the period	 4,222,554
General obligation bonds maturing during the period excludable under Article VII, section 13, paragraph 4, clause 1 of the State Constitution	\$ 831,732,446

SUPPORTING SCHEDULE FOR INSTRUMENTS OF INDEBTEDNESS' July 1, 2021

Instruments of indebtedness:	
Act 88, Session Laws of Hawaii 1978, (guarantee provision) for aquaculture loans	1,000,000
Act 222, Session Laws of Hawaii 1979, (guarantee provision) for agriculture loans	10,000,000
Act 104, Session Laws of Hawaii 1998, (guarantee provision) for the Hawaii Capital Loan	
Program	10,000,000
Act 180, Session Laws of Hawaii 2006, (guarantee provision) for rental assistance contracts	100,000,000
Act 180, Session Laws of Hawaii 2006, (guarantee provision) for mortgages	10,000,000
Act 233, Session Laws of Hawaii 2008, (guarantee provision) for agriculture/aquaculture	
loans	2,500,000
Act 114, Session Laws of Hawaii 2011, amendment to Hawaiian Homes Commission Act	
(guarantee provision) for loans	100,000,000
Total instruments of indebtedness	\$ 233,500,000
Total principal amount of outstanding general obligation bonds	\$ 8,564,443,064
Less principal amount of general obligation indebtedness which may be excluded under Article VII, section 13 of the State Constitution: General obligation bonds maturing in the current fiscal year	\$ 831,732,446
Reimbursable general obligation bonds	46,524,042
Other constitutional deductions ²	 200,000,000
Total principal amount of general obligation indebtedness which may	
be excluded	\$ 1,078,256,488
Excess of general obligation bonds over exclusions (Principal amount of outstanding general obligation bonds not otherwise excluded under Article VII, section 13, paragraph 4, clause 8 of the	
State Constitution)	\$ 7,486,186,576
Instruments of indebtedness exclusion limit (7% of excess of general obligation bonds over exclusions)	\$ 524,033,060
Instruments of indebtedness (from above)	233,500,000
Instruments of indebtedness exclusion limit in excess of instruments of indebtedness	\$ 290,533,060

¹Instruments of indebtedness excludable under Article VII, section 13, paragraph 4, clause 8, of the State Constitution.

²The amount of principal and interest on the Taxable General Obligation Bond Anticipation Notes (BANS) issued on April 14, 2020, is excluded pursuant to Section 13 of Article VII of the Constitution of the State of Hawaii (the "State), as the Governor has declared that an emergency condition exists due to the COVID-19 pandemic and the 2020 State Legislature has concurred with this declaration. Although by emergency declaration the BANS were authorized to be issued regardless of the State's debt limit, the issuance of the BANS did not cause the State's debt limit to be exceeded.

STATEMENT OF THE DEBT LIMIT OF THE STATE OF HAWAII AS OF JULY 1, 2021

SUMMARY

Average net general fund revenues of the three preceding years ending June 30, 2019, 2020, and 2021	\$ 7,930,470,673
Debt limit percentage	18.50%
Debt limit	\$ 1,467,137,075
Less: Total amount of principal and interest payable on outstanding general obligation bonds in highest debt service year (Fiscal year ending June 30, 2022)	917,238,436
Difference obtained by subtracting from the debt limit the total principal and interest payable on outstanding general obligation bonds in highest debt service year	\$ 549,898,639

Supporting schedules are attached hereto as Table 1 to 4 and expressly incorporated herein by reference

NET GENERAL FUND REVENUES OF THE STATE OF HAWAII FOR PRECEDING THREE FISCAL YEARS:

	2018-2019 2019-202		2019-2020	20 2020-2021		
Total moneys paid into the general fund	\$	7,916,565,472	\$	7,637,120,040		9,651,021,618
Less: Total moneys paid into the general fund as grants from the Federal Government						
Deposit of working capital bond proceeds						747,555,000
Transfer from the emergency and budget reserve fund						648,000,000
Total moneys paid into the general fund in reimbursement of principal and interest of reimbursable general obligation bonds which are to be excluded in determining the power of the State to issue general obligation bonds:		5.045.077		5 044 054		5.040.000
State Agencies		5,915,877		5,911,951		5,912,283
Net general fund revenues	\$	7,910,649,595	\$	7,631,208,089	\$	8,249,554,335
Sum of net general fund revenues for three fiscal years	\$	23,791,412,019				
Average of three years	\$	7,930,470,673				
[SEAL]	above and c IN W and c Budg	e statement and the correct to the best of VITNESS WHERE caused the official	e support of my kno EOF, I ha seal of th the State	ve hereunto set my h	ue nand xed	
CONCUR:		1	/s/ Craig Director	of Finance, State of	Hawaii	
/s/ Curt T. Otaguro Comptroller, State of Hawaii	-			E. Connors General, State of Ha	awaii	

DEBT SERVICE ON OUTSTANDING GENERAL OBLIGATION BONDS AS OF July 1, 2021 FOR THE CURRENT AND FUTURE FISCAL YEARS

Fiscal <u>Year</u>	andi allo	amount of principal interest payable on general obligation soutstanding as of July 1, 2021	excl Section	pal and interest udable under n 13, Article VII e Constitution	Other onstitutional Deductions¹	in exce not other Sectio	ents of indebtedness guaranties) ss of indebtedness wise excluded under en 13, Article VII se Constitution	and int the po issue	Amount of principal erest for determining ower of the State to egeneral obligation within the debt limit ²
2022	\$	1,124,909,743	\$	5,911,307	\$ 201,760,000	\$	-	\$	917,238,436
2023	\$	911,374,665	\$	5,914,648		\$	-	\$	905,460,017
2024	\$	896,752,212	\$	5,911,946		\$	-	\$	890,840,266
2025	\$	856,275,755	\$	5,913,124		\$	-	\$	850,362,631
2026	\$	909,083,778	\$	5,912,816		\$	-	\$	903,170,962
2027	\$	708,023,266	\$	3,766,900		\$	-	\$	704,256,366
2028	\$	680,375,321	\$	3,471,146		\$	-	\$	676,904,175
2029	\$	647,379,188	\$	2,530,069		\$	-	\$	644,849,119
2030	\$	600,452,489	\$	2,534,544		\$	-	\$	597,917,945
2031	\$	553,806,043	\$	2,530,825		\$	16,405,160	\$	567,680,378
2032	\$	553,762,795	\$	2,532,431		\$	47,715,034	\$	598,945,398
2033	\$	482,718,310	\$	2,530,444		\$	80,232,985	\$	560,420,851
2034	\$	441,807,189	\$	2,531,100		\$	108,894,405	\$	548,170,494
2035	\$	383,338,768	\$	2,532,734		\$	135,697,750	\$	516,503,784
2036	\$	330,261,700	\$	2,533,575		\$	159,323,450	\$	487,051,575
2037	\$	272,509,647	\$	-		\$	179,989,550	\$	452,499,197
2038	\$	195,180,586	\$	-		\$	197,506,000	\$	392,686,586
2039	\$	140,225,640	\$	-		\$	210,186,500	\$	350,412,140
2040	\$	102,698,518	\$	-		\$	219,465,350	\$	322,163,868
2041	\$	102,695,623	\$	-		\$	226,397,800	\$	329,093,423

¹The amount of principal and interest on the Taxable General Obligation Bond Anticipation Notes (BANS) issued on April 14, 2020, is excluded pursuant to Section 13 of Article VII of the Constitution of the State of Hawaii (the "State"), as the Governor has declared that an emergency condition exists due to the COVID-19 pandemic and the 2020 State Legislature has concurred with this declaration. Although by emergency declaration the BANS were authorized to be issued regardless of the State's debt limit, the issuance of the BANS did not cause the State's debt limit to be exceeded.

²May not add due to rounding.

SUPPORTING SCHEDULE FOR GENERAL OBLIGATION BONDS OF THE STATE OF HAWAII ISSUED AND OUTSTANDING July 1, 2021

Outstanding Original Principal and Rate of Maturity Outstanding Date of Issue Description Dates Amount Due Principal Interest June 23, 2009 \$ 500,000,000, Series DQ 5.000% June 1, 2026 11,930,000.00 \$ 11,930,000.00 \$ 32,000,000, Series DS, QSCB 1.200% September 15, 2021 2,960,000.00 November 5, 2009 tax credit bonds 1.300% September 15, 2022 2,960,000.00 1.350% September 15, 2023 3,000,000.00 September 15, 2024 \$ 11,960,000.00 1.450% 3,040,000.00 February 18, 2010 \$ 500,000,000, Series DX, BABs, 4.800% February 1, 2022 29,350,000.00 Optional Make-Whole Redemptions 4.950% February 1, 2023 30,760,000.00 February 1, 2024 5.100% 32,280,000.00 5.230% February 1, 2025 33,930,000.00 5.330% February 1, 2026 35,705,000.00 February 1, 2027 5.430% 37,605,000.00 5.480% February 1, 2028 39,650,000.00 5.510% February 1, 2029 41,820,000.00 February 1, 2030 5.530% 44,125,000.00 S 325,225,000.00 December 7, 2011 \$ 800,000,000, Series DZ 5.000% December 1, 2021 11,170,000.00 3.500% December 1, 2025 4,400,000.00 December 1, 2030 4.000% 10,565,000.00 4.000% December 1, 2031 7,045,000.00 \$ 33,180,000.00 December 7, 2011 \$ 403,455,000, Series EA, refunding 3.000% December 1, 2021 950,000.00 4.000% December 1, 2021 20,165,000.00 5.000% December 1, 2021 32,650,000.00 3.250% December 1, 2022 1,875,000.00 4.000% December 1, 2022 13,765,000.00 5.000% December 1, 2022 40,680,000.00 3.000% December 1, 2023 1,000,000.00 December 1, 2023 5.000% 58,110,000.00 \$ 169,195,000.00 5.000% November 1, 2021 21,195,000.00 December 4, 2012 \$ 444,000,000, Series EE 5.000% November 1, 2022 1,080,000.00 5.000% November 1, 2025 15,260,000.00 5.000% November 1, 2029 10,220,000.00 3.000% November 1, 2030 35,285,000.00 November 1, 2031 4.000% 36,545,000.00 4.000% November 1, 2032 38,040,000.00 \$ 157,625,000.00 December 4, 2012 \$ 396,990,000, Series EF, refunding 5.000% November 1, 2021 50,550,000.00 5.000% 53,140,000.00 November 1, 2022 5.000% November 1, 2023 55,865,000.00 5.000% November 1, 2024 58,730,000.00 \$ 218,285,000.00 December 4, 2012 2.150% November 1, 2021 1,460,000.00 \$ 26,000,000, Series EG, taxable 2.250% November 1, 2022 1,490,000.00 2.450% November 1, 2023 1,525,000.00 2.600% November 1, 2024 1,565,000.00 1,610,000.00 2.750% November 1, 2025 2.850% November 1, 2026 1,655,000.00 November 1, 2027 1,705,000.00 3.375% November 1, 2028 3.050% 1,760,000.00 3.150% November 1, 2029 1,815,000.00 3.250% November 1, 2030 1,875,000.00 3.350% November 1, 2031 1,940,000.00 3.625% November 1, 2032 2,010,000.00 20,410,000.00 \$

Date of Issue	Original Principal and Description	Rate of Interest	Maturity Dates	Amount Due	Outstanding Principal
November 21, 2013	\$ 635,000,000, Series EH	5.000% 4.000% 4.000% 5.000% 5.000% 5.000% 4.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000%	August 1, 2021 August 1, 2022 August 1, 2023 August 1, 2023 August 1, 2024 August 1, 2025 August 1, 2026 August 1, 2027 August 1, 2028 August 1, 2028 August 1, 2029 August 1, 2030 August 1, 2031 August 1, 2031 August 1, 2032 August 1, 2033 August 1, 2033 August 1, 2033 August 1, 2033	9,680,000.00 9,480,000.00 600,000.00 13,045,000.00 26,905,000.00 37,970,000.00 30,945,000.00 45,590,000.00 12,415,000.00 7,260,000.00 9,760,000.00 25,445,000.00 17,530,000.00 9,140,000.00	\$ 316,095,000.00
November 21, 2013	\$ 50,860,000, Series EL, refunding	3.000% 5.000% 4.000% 3.000% 5.000%	August 1, 2021 August 1, 2021 August 1, 2022 August 1, 2023 August 1, 2023	1,600,000.00 5,930,000.00 7,860,000.00 1,600,000.00 6,605,000.00	\$ 23,595,000.00
November 21, 2013	\$ 25,000,000, Series EM	3.100% 3.350% 3.500% 3.750% 3.900% 4.050% 4.200% 4.350% 4.450% 4.650% 4.750%	August 1, 2021 August 1, 2022 August 1, 2023 August 1, 2024 August 1, 2025 August 1, 2026 August 1, 2027 August 1, 2028 August 1, 2029 August 1, 2030 August 1, 2031 August 1, 2032	1,285,000.00 1,330,000.00 1,375,000.00 1,425,000.00 1,480,000.00 1,540,000.00 1,605,000.00 1,675,000.00 1,750,000.00 1,835,000.00 1,920,000.00 2,015,000.00	21 245 000 00
November 21, 2013	\$ 29,795,000, Series EN, QSCB -Direct Payment	4.800% 3.100% 3.350% 3.500% 3.750% 4.050% 4.200% 4.350% 4.450% 4.750% 4.800%	August 1, 2033 August 1, 2021 August 1, 2022 August 1, 2023 August 1, 2024 August 1, 2025 August 1, 2026 August 1, 2027 August 1, 2028 August 1, 2029 August 1, 2030 August 1, 2031 August 1, 2032 August 1, 2033	1,865,000.00 1,865,000.00 1,865,000.00 1,865,000.00 1,860,000.00 1,860,000.00 1,860,000.00 1,860,000.00 1,860,000.00 1,860,000.00 1,860,000.00 1,860,000.00	\$ 21,345,000.00 \$ 24,200,000.00
November 25, 2014	\$ 575,000,000, Series EO	5.000% 5.000% 3.000% 5.000% 4.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 4.000% 5.000% 4.000%	August 1, 2021 August 1, 2022 August 1, 2023 August 1, 2023 August 1, 2024 August 1, 2024 August 1, 2025 August 1, 2025 August 1, 2026 August 1, 2026 August 1, 2027 August 1, 2027 August 1, 2027 August 1, 2029 August 1, 2029 August 1, 2029 August 1, 2029 August 1, 2030 August 1, 2031 August 1, 2031 August 1, 2031 August 1, 2031	23,110,000.00 22,905,000.00 2,095,000.00 10,560,000.00 5,305,000.00 25,720,000.00 31,850,000.00 440,000.00 30,825,000.00 2,130,000.00 37,795,000.00 37,695,000.00 2,020,000.00 41,735,000.00 23,750,000.00 23,750,000.00 20,000,000.00 25,740,000.00	

Date of Issue	Original Principal and Description	Rate of Interest	Maturity Dates	Amount Due	Outstanding Principal
		5.000% 4.000% 5.000% 3.500% 5.000% 4.000%	August 1, 2032 August 1, 2033 August 1, 2033 August 1, 2034 August 1, 2034 August 1, 2034	20,000,000.00 27,815,000.00 20,000,000.00 7,890,000.00 20,000,000.00 22,060,000.00	\$ 496,015,000.00
November 25, 2014	\$ 209,015,000, Series EP, refunding	5.000% 5.000% 5.000% 5.000% 5.000% 5.000%	August 1, 2021 August 1, 2022 August 1, 2023 August 1, 2024 August 1, 2025 August 1, 2026	24,080,000.00 25,315,000.00 26,615,000.00 27,980,000.00 29,410,000.00 30,920,000.00	\$ 164,320,000.00
November 25, 2014	\$ 25,000,000, Series EQ, taxable, Make-Whole Optional Redemption	2.648% 2.787% 2.957% 3.107% 3.257% 3.357% 3.507% 3.537% 3.637% 3.715% 3.765% 3.815% 3.865% 3.915%	August 1, 2021 August 1, 2022 August 1, 2023 August 1, 2024 August 1, 2025 August 1, 2026 August 1, 2027 August 1, 2028 August 1, 2029 August 1, 2030 August 1, 2031 August 1, 2032 August 1, 2033 August 1, 2033 August 1, 2034	1,290,000.00 1,325,000.00 1,365,000.00 1,405,000.00 1,450,000.00 1,500,000.00 1,555,000.00 1,610,000.00 1,730,000.00 1,730,000.00 1,795,000.00 1,865,000.00 1,940,000.00 2,015,000.00	\$ 22,510,000.00
October 29, 2015	\$ 190,000,000, Series ET	4.000% 4.000% 3.000% 5.000% 5.000% 4.000% 3.000% 5.000% 5.000% 5.000% 4.000% 4.000% 4.000%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2028 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2031 October 1, 2032 October 1, 2033 October 1, 2034 October 1, 2034	8,220,000.00 8,555,000.00 8,860,000.00 9,220,000.00 9,695,000.00 10,140,000.00 5,000,000.00 5,990,000.00 11,385,000.00 12,460,000.00 12,980,000.00 13,460,000.00 14,010,000.00 14,585,000.00	\$ 166,965,000.00
October 29, 2015	\$ 35,000,000, Series EU, Green Bonds	3.000% 2.000% 3.000% 2.000% 3.000% 3.000% 3.000% 3.000% 3.125% 3.250% 3.250% 3.375% 3.375%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2031 October 1, 2032 October 1, 2033 October 1, 2033 October 1, 2034 October 1, 2035	1,650,000.00 1,695,000.00 1,735,000.00 1,780,000.00 1,825,000.00 1,930,000.00 1,985,000.00 2,050,000.00 2,110,000.00 2,180,000.00 2,250,000.00 2,325,000.00 2,405,000.00 2,490,000.00 2,490,000.00	\$ 30,285,000.00
October 29, 2015	\$ 25,035,000, Series EX, refunding	2.000% 3.000% 3.000% 3.000% 3.000%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025	3,480,000.00 3,565,000.00 3,675,000.00 3,790,000.00 3,905,000.00	\$ 18,415,000.00
October 29, 2015	\$ 212,120,000, Series EY, refunding	5.000%	October 1, 2021	23,245,000.00	

Date of Issue	Original Principal and Description	Rate of Interest	Maturity Dates	Amount Due	Outstanding Principal
		5.000% 5.000% 5.000% 5.000% 5.000% 5.000%	October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027	24,440,000.00 25,690,000.00 27,010,000.00 28,395,000.00 29,850,000.00 31,380,000.00	\$ 190,010,000.00
October 29, 2015	\$ 215,590,000, Series EZ, refunding	5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028	18,830,000.00 19,795,000.00 20,810,000.00 21,880,000.00 23,000,000.00 24,180,000.00 25,420,000.00 26,725,000.00	\$ 180,640,000.00
October 29, 2015	\$ 25,000,000, Series FA, taxable, Make-Whole Optional Redemption	2.270% 2.530% 2.680% 4.000% 3.050% 3.150% 3.350% 3.500% 3.650% 3.750% 4.050% 4.180% 4.300% 4.400%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2031 October 1, 2032 October 1, 2033 October 1, 2034 October 1, 2034 October 1, 2035	1,140,000.00 1,170,000.00 1,200,000.00 1,240,000.00 1,285,000.00 1,325,000.00 1,370,000.00 1,415,000.00 1,465,000.00 1,580,000.00 1,580,000.00 1,715,000.00 1,790,000.00 1,870,000.00	\$ 21,730,000.00
April 14, 2016	\$ 500,000,000, Series FB	5.000% 5.000% 5.000% 5.000% 4.000% 5.000% 4.000% 4.000% 4.000% 3.000% 3.000% 3.000% 3.000%	April 1, 2022 April 1, 2023 April 1, 2024 April 1, 2025 April 1, 2026 April 1, 2027 April 1, 2027 April 1, 2028 April 1, 2029 April 1, 2030 April 1, 2031 April 1, 2032 April 1, 2033 April 1, 2034 April 1, 2035 April 1, 2036	21,375,000.00 22,485,000.00 23,610,000.00 24,785,000.00 26,025,000.00 27,020,000.00 28,370,000.00 30,685,000.00 31,910,000.00 34,140,000.00 35,165,000.00 36,220,000.00 37,310,000.00	\$ 441,795,000.00
April 14, 2016	\$ 219,690,000, Series FE, refunding	3.000% 5.000% 5.000% 4.000% 5.000% 5.000% 5.000% 5.000% 5.000% 4.000% 5.000%	October 1, 2021 October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2025 October 1, 2025 October 1, 2027 October 1, 2028 October 1, 2028 October 1, 2028	1,870,000.00 17,340,000.00 20,175,000.00 1,480,000.00 19,720,000.00 22,280,000.00 23,195,000.00 24,620,000.00 25,885,000.00 20,000.00 27,010,000.00	\$ 184,000,000.00
April 14, 2016	\$ 119,730,000, Series FF, refunding, taxable, Make-Whole Optional Redemption	1.934% 2.074% 2.255% 2.402% 2.552% 2.652% 2.802% 2.902%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028	11,255,000.00 11,480,000.00 11,730,000.00 12,010,000.00 12,310,000.00 12,635,000.00 12,985,000.00 13,360,000.00	\$ 97,765,000.00

Date of Issue	Original Principal and Description	Rate of Interest	Maturity Dates	Amount Due	Outstanding Principal
October 13, 2016	\$ 375,000,000, Series FG	3.000% 5.000% 3.000% 5.000% 4.000% 5.000% 4.000% 5.000% 4.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 4.000% 4.000% 4.000% 4.000%	October 1, 2021 October 1, 2021 October 1, 2022 October 1, 2022 October 1, 2023 October 1, 2023 October 1, 2024 October 1, 2024 October 1, 2025 October 1, 2025 October 1, 2025 October 1, 2026 October 1, 2026 October 1, 2026 October 1, 2028 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2031 October 1, 2031 October 1, 2032 October 1, 2033 October 1, 2033 October 1, 2034 October 1, 2035 October 1, 2035 October 1, 2035	100,000.00 14,705,000.00 2,315,000.00 2,315,000.00 13,225,000.00 5,000,000.00 11,285,000.00 340,000.00 16,755,000.00 1,125,000.00 16,835,000.00 5,000,000.00 13,855,000.00 19,795,000.00 20,810,000.00 21,875,000.00 22,995,000.00 24,180,000.00 25,285,000.00 26,320,000.00 27,395,000.00 28,515,000.00 29,675,000.00	\$ 347,385,000.00
October 13, 2016	\$ 379,295,000, Series FH, refunding	3.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 4.000%	October 1, 2021 October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2030 October 1, 2031	15,000,000.00 11,715,000.00 27,935,000.00 29,360,000.00 30,875,000.00 32,455,000.00 34,115,000.00 37,710,000.00 39,645,000.00 41,460,000.00 43,155,000.00	\$ 379,295,000.00
October 13, 2016	\$ 2,710,000, Series FI, refunding	2.000% 2.000% 3.000% 3.000% 3.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2031 October 1, 2032 October 1, 2032 October 1, 2033	165,000.00 170,000.00 175,000.00 185,000.00 185,000.00 200,000.00 210,000.00 220,000.00 235,000.00 240,000.00 255,000.00 275,000.00	\$ 2,710,000.00
October 13, 2016	\$ 25,000,000, Series FJ, taxable	1.620% 1.921%	October 1, 2021 October 1, 2022	5,060,000.00 5,155,000.00	\$ 10,215,000.00
May 24, 2017	\$ 575,000,000, Series FK	3.000% 4.000% 2.000% 4.000% 5.000% 3.000% 4.000% 5.000% 3.000% 4.000% 5.000% 3.000% 4.000% 5.000% 5.000% 5.000%	May 1, 2022 May 1, 2022 May 1, 2023 May 1, 2023 May 1, 2023 May 1, 2024 May 1, 2024 May 1, 2025 May 1, 2025 May 1, 2025 May 1, 2026 May 1, 2026 May 1, 2026 May 1, 2026 May 1, 2026 May 1, 2027 May 1, 2027 May 1, 2027	4,335,000.00 19,020,000.00 590,000.00 10,000,000.00 13,655,000.00 1,300,000.00 6,000,000.00 18,040,000.00 1,225,000.00 24,760,000.00 695,000.00 27,045,000.00 475,000.00 1,375,000.00 27,350,000.00	

Date of Issue	Original Principal and Description	Rate of Interest	Maturity Dates	Amount Due	Outstanding Principal
		3.000% 5.000% 4.000% 5.000% 3.000% 4.000% 4.000% 5.000% 5.000% 4.000% 4.000% 3.500%	May 1, 2028 May 1, 2028 May 1, 2029 May 1, 2029 May 1, 2030 May 1, 2030 May 1, 2031 May 1, 2032 May 1, 2033 May 1, 2033 May 1, 2033 May 1, 2034 May 1, 2035 May 1, 2036 May 1, 2036 May 1, 2037	500,000.00 30,135,000.00 10,000,000.00 22,155,000.00 5,000,000.00 34,960,000.00 36,360,000.00 15,000,000.00 22,815,000.00 39,445,000.00 41,415,000.00 20,000,000.00	
		4.000%	May 1, 2037	24,795,000.00	\$ 530,800,000.00
May 24, 2017	\$ 229,355,000, Series FN, refunding	5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000%	October 1, 2021 October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2031	16,035,000.00 16,860,000.00 17,725,000.00 18,630,000.00 19,590,000.00 20,590,000.00 21,650,000.00 22,760,000.00 23,925,000.00 25,150,000.00 26,440,000.00	\$ 229,355,000.00
May 24, 2017	\$ 7,500,000, Series FP, taxable, Make-Whole Optional Redemption	2.400% 2.600% 2.800% 2.950% 3.050% 3.200% 3.300% 3.400% 3.550% 3.650% 3.700% 3.740% 3.790% 3.840% 3.890%	May 1, 2022 May 1, 2023 May 1, 2024 May 1, 2025 May 1, 2026 May 1, 2027 May 1, 2028 May 1, 2029 May 1, 2030 May 1, 2031 May 1, 2032 May 1, 2033 May 1, 2034 May 1, 2035 May 1, 2036 May 1, 2036 May 1, 2037	335,000.00 345,000.00 355,000.00 365,000.00 375,000.00 385,000.00 400,000.00 410,000.00 425,000.00 440,000.00 475,000.00 490,000.00 510,000.00 530,000.00	\$ 6,845,000.00
December 21, 2017	\$ 15,090,000, Series FR, Direct Purchase, refunding	2.180%	October 1, 2021	3,890,000.00	\$ 3,890,000.00
December 21, 2017	\$ 275,363,064.26, Series FS, Direct Purchase, refunding	2.220% 2.270% 2.340% 2.390% 2.460% 2.520% 2.580% 2.660% 2.730% 2.810% 2.880% 2.950%	October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2031 October 1, 2032 October 1, 2032 October 1, 2033	19,970,635.58 20,424,123.43 20,900,472.76 21,400,747.22 21,926,178.14 22,479,106.88 23,059,815.25 23,672,126.14 24,318,918.66 25,002,152.13 25,723,855.90 26,484,932.17	\$ 275,363,064.26
February 14, 2018	\$ 631,215,000, Series FT	4.000% 5.000% 3.000% 5.000% 4.000% 5.000% 4.000% 5.000% 5.000% 5.000%	January 1, 2022 January 1, 2022 January 1, 2023 January 1, 2023 January 1, 2024 January 1, 2024 January 1, 2025 January 1, 2025 January 1, 2026 January 1, 2026	1,665,000.00 23,025,000.00 1,395,000.00 24,515,000.00 1,875,000.00 25,305,000.00 4,775,000.00 23,745,000.00 1,300,000.00 28,595,000.00	

Date of Issue	Original Principal and Description	Rate of Interest	Maturity Dates	Amount Due	Outstanding Principal
		4.000% 5.000% 4.000% 5.000% 5.000% 5.000% 5.000% 4.000% 5.000% 4.000% 5.000% 4.000% 5.000% 4.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000% 5.000%	January 1, 2027 January 1, 2028 January 1, 2028 January 1, 2028 January 1, 2029 January 1, 2030 January 1, 2031 January 1, 2032 January 1, 2032 January 1, 2033 January 1, 2033 January 1, 2034 January 1, 2034 January 1, 2035 January 1, 2035 January 1, 2036 January 1, 2036 January 1, 2036 January 1, 2037 January 1, 2037 January 1, 2037 January 1, 2037	85,000.00 31,280,000.00 1,035,000.00 31,900,000.00 34,570,000.00 36,295,000.00 20,000,000.00 20,000,000.00 41,060,000.00 23,895,000.00 20,890,000.00 41,470,000.00 41,470,000.00 20,000,000.00 52,895,000.00 52,895,000.00 52,895,000.00	\$ 631,215,000.00
February 21, 2019	\$ 431,665,000, Series FW	2.000% 5.000%	January 1, 2023 January 1, 2023 January 1, 2024 January 1, 2024 January 1, 2025 January 1, 2025 January 1, 2025 January 1, 2025 January 1, 2027 January 1, 2028 January 1, 2029 January 1, 2030 January 1, 2030 January 1, 2030 January 1, 2031 January 1, 2032 January 1, 2033 January 1, 2033 January 1, 2033 January 1, 2034 January 1, 2034 January 1, 2035 January 1, 2035 January 1, 2035 January 1, 2035 January 1, 2037 January 1, 2037 January 1, 2037 January 1, 2038 January 1, 2038 January 1, 2038 January 1, 2039 January 1, 2039	3,000,000.00 14,025,000.00 14,025,000.00 4,600,000.00 13,185,000.00 4,095,000.00 14,445,000.00 19,425,000.00 20,395,000.00 21,415,000.00 25,000,000 23,405,000.00 24,760,000.00 24,760,000.00 24,795,000.00 13,410,000.00 24,795,000.00 24,910,000.00 24,910,000.00 15,200,000.00 24,910,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,290,000.00 15,000,000.00 12,500,000.00 23,365,000.00	\$ 431,665,000.00
February 21, 2019	\$ 75,000,000, Series FX, taxable, Make-Whole Optional Redemption	2.770%	January 1, 2022	25,655,000.00	\$ 25,655,000.00
April 14, 2020	\$ 600,000,000, General Obligation Bond Anticipation Notes, taxable, Direct Purchase, Make-Whole Redemption (October 15, 2021 maturity only)	1.760%	October 15, 2021	200,000,000.00	\$ 200,000,000.00
August 12, 2020	\$ 995,000,000, Series FZ, taxable, Make-Whole Optional Redemption	0.670% 0.893% 2.000% 1.145% 1.295% 1.395% 1.595% 1.695% 1.865% 1.975% 2.065% 2.145%	August 1, 2025 August 1, 2026 August 1, 2027 August 1, 2028 August 1, 2029 August 1, 2030 August 1, 2031 August 1, 2032 August 1, 2033 August 1, 2034 August 1, 2035 August 1, 2035 August 1, 2036 August 1, 2037	55,235,000.00 55,670,000.00 56,485,000.00 57,380,000.00 58,080,000.00 58,870,000.00 69,755,000.00 61,840,000.00 63,040,000.00 64,325,000.00 65,695,000.00 67,140,000.00	

Date of Issue	Original Principal and Description	Rate of Interest	Maturity Dates	Amount Due	 Outstanding Principal
		2.245% 2.283% 2.293%	August 1, 2038 August 1, 2039 August 1, 2040	68,655,000.00 70,230,000.00 71,855,000.00	\$ 995,000,000.00
October 29, 2020	\$ 147,555,000, Series GA	5.000%	October 1, 2021	147,555,000.00	\$ 147,555,000.00
October 29, 2020	\$ 600,000,000, Series GB, taxable, Make-Whole Optional Redemption	0.429% 0.571% 0.802% 0.852%	October 1, 2022 October 1, 2023 October 1, 2024 October 1, 2025	150,000,000.00 150,000,000.00 150,000,000.00 150,000,000.00	\$ 600,000,000.00
October 29, 2020	\$ 400,000,000, Series GC, refunding, taxable, Make-Whole Optional Redemption	0.852% 1.112% 1.252% 1.518% 1.618% 1.718% 1.868% 2.018% 2.168% 2.368% 2.368% 2.532% 2.632% 2.682% 2.712% 2.782%	October 1, 2025 October 1, 2026 October 1, 2027 October 1, 2028 October 1, 2029 October 1, 2030 October 1, 2031 October 1, 2032 October 1, 2035 October 1, 2035 October 1, 2035 October 1, 2036 October 1, 2037 October 1, 2038 October 1, 2038 October 1, 2039 October 1, 2040	21,870,000.00 22,085,000.00 22,350,000.00 22,660,000.00 23,020,000.00 23,405,000.00 24,295,000.00 24,810,000.00 25,365,000.00 25,960,000.00 27,300,000.00 28,035,000.00 28,035,000.00 29,605,000.00	\$ 400,000,000.00

\$ 8,564,443,064.26

Total of all State of Hawaii general obligation bonds and general obligation refunding bonds issued and outstanding

SUPPORTING SCHEDULE FOR PRINCIPAL AND INTEREST EXCLUDABLE UNDER SECTION 13, ARTICLE VII, STATE CONSTITUTION

July 1, 2021

Fiscal Year	Commercial	Land and Natural	
Ending June 30	Harbors	Resources	TOTAL
2022	3,380,638	2,530,669	5,911,307
2023	3,380,679	2,533,969	5,914,648
2024	3,380,953	2,530,994	5,911,946
2025	3,380,956	2,532,169	5,913,124
2026	3,380,823	2,531,994	5,912,816
2027	1,235,718	2,531,181	3,766,900
2028	937,352	2,533,794	3,471,146
2029		2,530,069	2,530,069
2030		2,534,544	2,534,544
2031		2,530,825	2,530,825
2032		2,532,431	2,532,431
2033		2,530,444	2,530,444
2034		2,531,100	2,531,100
2035		2,532,734	2,532,734
2036		2,533,575	2,533,575
	\$ 19,077,119	\$ 37,980,491	\$ 57,057,610

Note: May not add due to rounding.

Table 2

Table 3

SUPPORTING SCHEDULE FOR REIMBURSABLE GENERAL OBLIGATION BONDS FISCAL YEAR ENDING JUNE 30, 2021

Total surplus revenues or surplus user taxes brought forward Total revenues or user taxes collected		<u>Harbor</u>		Land and Natural <u>Resources*</u>	
		\$ 163,686,755	\$	7,224,193	
		167,427,374		3,000,000	
	available revenues ser taxes	\$ 331,114,129	\$	10,224,193	
		 · · ·	<u> </u>		
Total e	expenditures:				
(a)	Cost of operations, maintenance,				
	and repair	\$ 56,795,262	\$	-	
(b)	Debt service on revenue bonds issue	\$ 33,141,248	\$	-	
(c)	Debt service paid by the State for reimbursable general obligation bonds	\$ 3,380,764	\$	2,531,519	
reim into from after (a) a	l amount of bursement paid general fund net revenues charges for and (b) above e been paid	\$ 3,380,764	\$	2,531,519	
reim oblig whice exclusion State whee power to is:	ntage of bursable general gation bonds th may be uded under the e Constitution n determining the er of the State sue general gation bonds	100%		100%	

Note: *Pursuant to Act 121, Session Laws of Hawaii 2015

SUPPORTING SCHEDULE FOR INSTRUMENTS OF INDEBTEDNESS¹ July 1, 2021

Instruments of indebtedness:		
Act 88, Session Laws of Hawaii 1978, (guarantee provision) for aquaculture loans		1,000,000
Act 222, Session Laws of Hawaii 1979, (guarantee provision) for agriculture loans		10,000,000
Act 104, Session Laws of Hawaii 1998, (guarantee provision) for the Hawaii Capital Loan		
Program		10,000,000
Act 180, Session Laws of Hawaii 2006, (guarantee provision) for rental assistance contracts		100,000,000
Act 180, Session Laws of Hawaii 2006, (guarantee provision) for mortgages		10,000,000
Act 233, Session Laws of Hawaii 2008, (guarantee provision) for agriculture/aquaculture		
loans		2,500,000
Act 114, Session Laws of Hawaii 2011, amendment to Hawaiian Homes Commission Act		
(guarantee provision) for loans		100,000,000
Total instruments of indebtedness	\$	233,500,000
	<u> </u>	
Total principal amount of outstanding general obligation bonds	\$	8,564,443,064
Less principal amount of general obligation indebtedness which may be excluded under Article VII, section 13 of the State Constitution:		
General obligation bonds maturing in the current fiscal year		831,732,446
Reimbursable general obligation bonds		46,524,042
Other constitutional deductions ²		200,000,000
Total principal amount of general obligation indebtedness which may		
be excluded	\$	1,078,256,488
Excess of general obligation bonds over exclusions		
(Principal amount of outstanding general obligation bonds not otherwise		
excluded under Article VII, section 13, paragraph 4, clause 8 of the		
State Constitution)	\$	7,486,186,576
Instruments of indebtedness exclusion limit (7% of excess of general obligation		
bonds over exclusions)	\$	524,033,060
bolida ova excitasionaj	Ψ	324,033,000
Instruments of indebtedness (from above)		233,500,000
Instruments of indebtedness exclusion limit in excess of instruments of indebtedness	\$	290,533,060

¹Instruments of indebtedness excludable under Article VII, section 13, paragraph 4, clause 8, of the State Constitution.

²The amount of principal and interest on the Taxable General Obligation Bond Anticipation Notes (BANS) issued on April 14, 2020, is excluded pursuant to Section 13 of Article VII of the Constitution of the State of Hawaii (the "State), as the Governor has declared that an emergency condition exists due to the COVID-19 pandemic and the 2020 State Legislature has concurred with this declaration. Although by emergency declaration the BANS were authorized to be issued regardless of the State's debt limit, the issuance of the BANS did not cause the State's debt limit to be exceeded.