



General Obligation Refunding Bonds, Series 2020 (Federally Taxable)

Finance Plan Overview and Refunding Options

September 15, 2020

History of District Assessed Valuation

Fiscal Year Ending	Total A.V.	% Change in A.V.
1989	\$7,251,860,453	-
1990	8,433,080,373	16.29%
1991	9,807,161,618	16.29%
1992	10,785,098,168	9.97%
1993	11,318,979,979	4.95%
1994	11,800,081,625	4.25%
1995	12,137,275,182	2.86%
1996	12,572,208,976	3.58%
1997	13,035,808,175	3.69%
1998	13,623,319,614	4.51%
1999	14,715,589,860	8.02%
2000	15,950,449,402	8.39%
2001	17,477,154,876	9.57%
2002	19,487,669,139	11.50%
2003	21,087,268,065	8.21%
2004	23,074,149,846	9.42%
2005	24,940,957,025	8.09%
2006	27,925,186,909	11.97%
2007	31,455,673,173	12.64%
2008	34,027,709,770	8.18%
2009	35,370,409,924	3.95%
2010	34,723,671,229	-1.83%
2011	33,905,510,562	-2.36%
2012	33,999,750,856	0.28%
2013	34,057,376,108	0.17%
2014	36,132,977,406	6.09%
2015	39,035,225,277	8.03%
2016	42,008,303,755	7.62%
2017	44,501,103,966	5.93%
2018	46,971,394,525	5.55%
2019	49,455,217,656	5.29%
2020	52,043,063,480	5.23%
2021	54,373,875,133	4.48%
10-Year Average		4.87%
30-Year Average		5.94%

- ❖ Taxes are levied for each fiscal year on taxable real and personal property assessed as of the preceding **January 1**, at which time the lien attaches
 - This means that recent Fiscal Year 2020-21 Assessed Value is based on data as of January 1, 2020 (pre COVID-19 market conditions)
 - AV projections for the District have been revised to account for the expected economic recession:
 - *0% FY 21-22*
 - *2% FY 22-23*
 - *2% FY 23-24*
 - *4% FY 24-25 and thereafter*

San Ramon Valley Unified School District - 2020-21 Net Statutory Bonding Capacity

Fiscal Year	Assessed Value	Factor	Bonding Capacity	Outstanding Principal as of 9/14/20	Net Bonding Capacity as of 9/14/20
2020-21	\$54,373,875,133	2.50%	\$1,359,346,878	\$407,520,000	\$951,826,878

General Obligation Bonds Outstanding

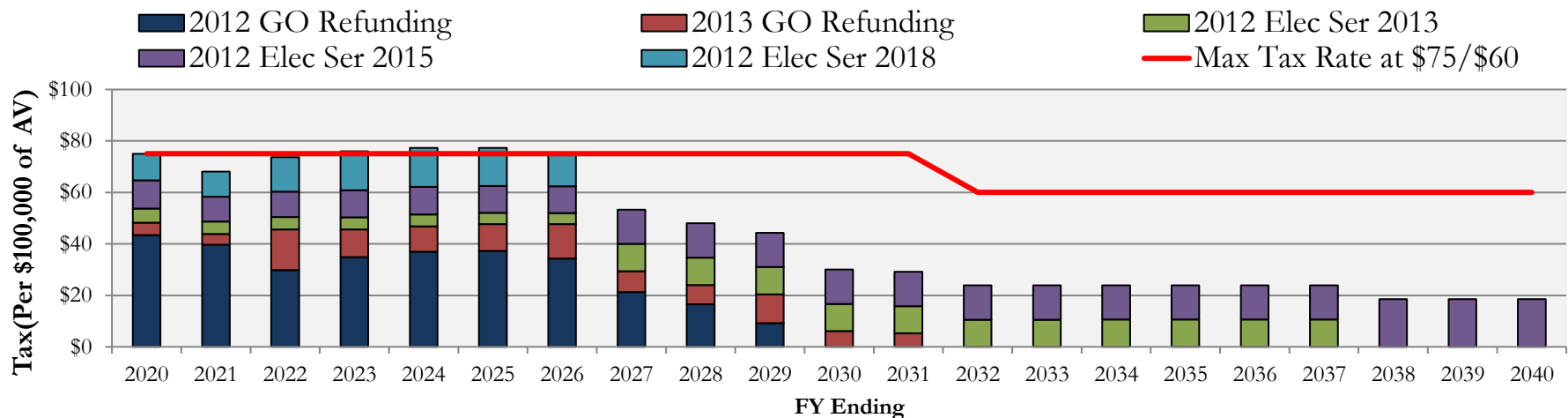
Issue	Dated Date	Final Maturity	Original Principal	Current Principal Outstanding	Optional Prepayment
General Obligation Bonds, Election of 2012, Series 2018	12/20/2018	8/1/2036	\$60,005,000	\$39,945,000	Not Callable
General Obligation Bonds, Election of 2012, Series 2015	4/23/2015	8/1/2040	125,000,000	125,000,000	8/1/2025 @ 100%
General Obligation Bonds, Election of 2012, Series 2013	3/13/2013	8/1/2037	74,995,000	71,005,000	8/1/2023 @ 100%
General Obligation Refunding Bonds, Series 2013	2/14/2013	8/1/2031	52,200,000	48,775,000	8/1/2023 @ 100%
General Obligation Refunding Bonds, Series 2012	7/17/2012	8/1/2029	167,945,000	122,795,000	8/1/2022 @ 100%
				\$407,520,000	

- The General Obligation Refunding Bonds, Series 2012 are the best candidates to be advance refunded with taxable rates
- The other callable bonds currently provide additional savings, however the negative arbitrage associated with these bonds are higher

Current SRVUSD Projected Tax Rates

- Measure D was approved on November 6, 2012 by 56.83% of voters, and authorized \$260 million of general obligation bonds (“2012 Measure D”)
 - ❑ District voters previously authorized 1998 Measure D and 2002 Measure A
 - ❑ The aggregate projected tax rate for bonds outstanding from 1998 Measure D, 2002 Measure A and 2012 Measure D is targeted to be \$75 per \$100,000 of Assessed Value
 - ❑ There are no remaining unissued bonds for the three authorizations
- The District and the Contra Costa County Auditor-Controller have an agreement in place to levy the consistent \$75 rate beginning in fiscal year 2019-20 in order to maintain a rate stabilization fund to safeguard against future potential tax rate fluctuations

SRVUSD Projected Tax Rates on Outstanding Bonds [1]



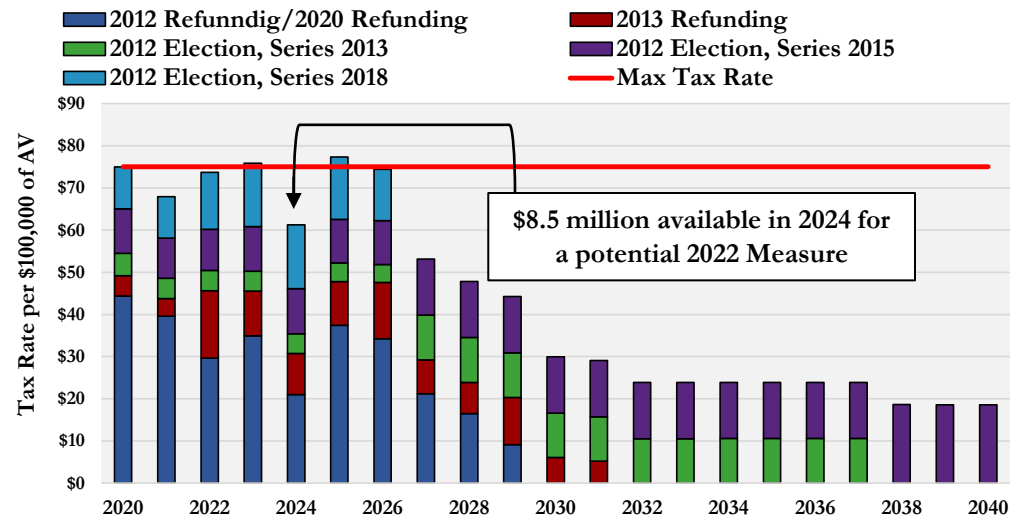
(1) Does not yet reflect stabilization rate fund applied to maintain the \$75 rate. Assumes 0% AV growth for FY 21-22, 2% growth in FY 22-23, 2% growth in FY 23-24 and 4% growth every year thereafter.

Scenario 1: Refunding 2012 Bonds (2024 Target)

- The taxable refunding of only the 2012 Bonds produces the most efficient savings on a net present value percentage basis
- The refunding could target savings in 2024 to enhance capacity for the first issuance of a potential November 2022 authorization

Key Refunding Highlights	
Call Date	8/1/2022
Call Price	100%
Gross Savings	\$8,786,546
NPV Savings (\$)	\$8,452,585
NPV Savings (%)	8.79%
Negative Arbitrage	\$1,928,522

SRVUSD Projected Tax Rates (1)
Refunding of 2012 Bonds Only



(1) Bar chart does not yet reflect stabilization rate fund applied to maintain the \$75 rate. Assumes 0% AV growth for FY 21-22, 2% growth in FY 22-23, 2% growth in FY 23-24 and 4% growth every year thereafter.

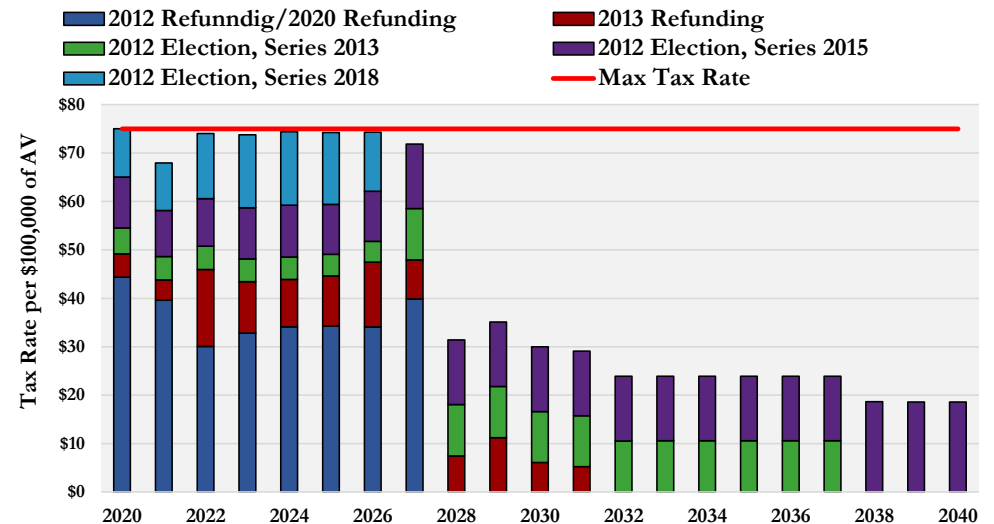
* Preliminary, subject to change in market conditions.

Scenario 2: Refunding 2012 Bonds (\$75 Max)

- Scenario 2 advances bond principal and repays the debt as quickly as possible while staying under the \$75 aggregate projection
- Tax rate drops significantly in 2028 to approximately

Key Refunding Highlights	
Call Date	8/1/2022
Call Price	100%
Gross Savings	\$9,747,660
NPV Savings (\$)	\$8,991,480
NPV Savings (%)	9.35%
Negative Arbitrage	\$1,754,894

SRVUSD Projected Tax Rates (1)
Refunding of 2012 Bonds Only



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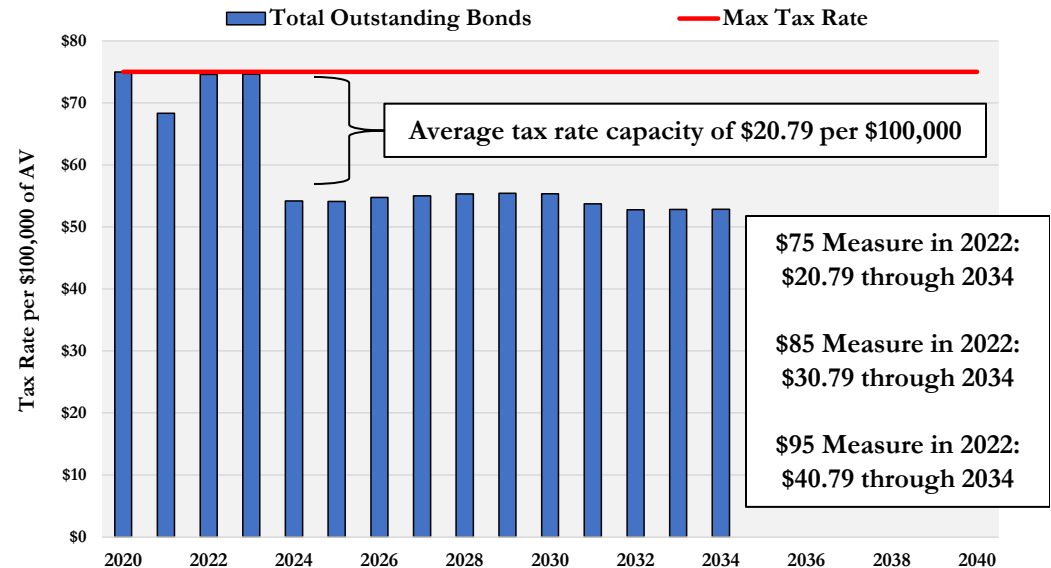
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Scenario 3: Refunding of All Bonds (Accelerated)

- A combined refunding of all four series of callable bonds could create room for a future authorization by restructuring the future debt payments
- If interest rates stayed at similar levels in the future, the District would achieve greater taxpayer savings/additional capacity by waiting to refinance the 2013 and 2015 Bonds

Key Refunding Highlights	
Call Date	8/1/2022 - 8/1/2025
Call Price	100%
Gross Savings	\$39,908,764
NPV Savings (\$)	\$27,373,444
NPV Savings (%)	8.35%
Negative Arbitrage	\$17,823,642

**SRVUSD Projected Tax Rates (1)
Refunding of 2012, 2013 and 2015 Bonds**



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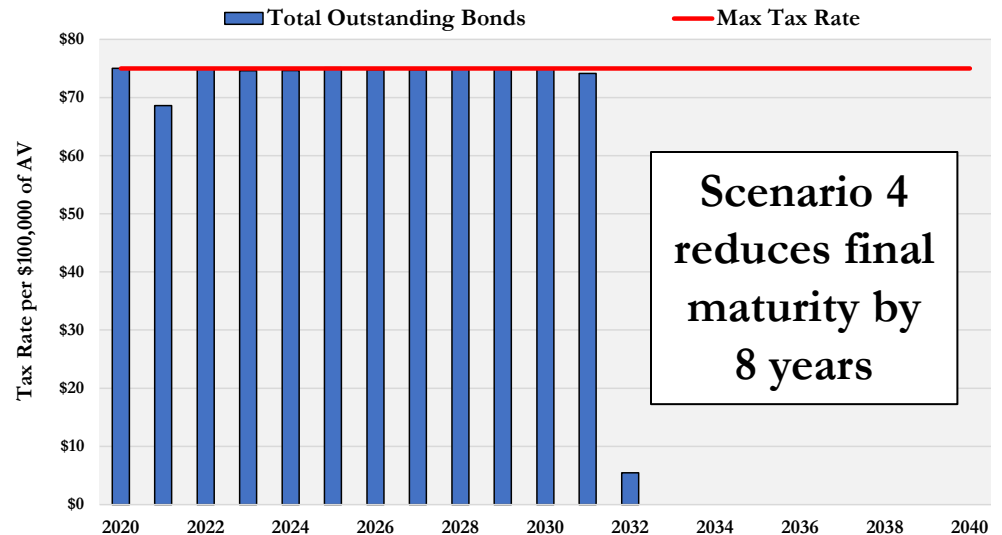
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Scenario 4: Refunding of All Bonds (\$75 Max)

- Scenario 2 advances bond principal and repays the debt as quickly as possible while staying under the \$75 aggregate projection
- Aggregate bond rates fall in year 2032, at which point the District is limited to \$60 per \$100,000 of Assessed Value

Key Refunding Highlights	
Call Date	8/1/2022 - 8/1/2025
Call Price	100%
Gross Savings	\$57,889,910
NPV Savings (\$)	\$36,054,027
NPV Savings (%)	11.00%
Negative Arbitrage	\$15,264,342

SRVUSD Projected Tax Rates (1)
Refunding of 2012, 2013 and 2015 Bonds



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* Preliminary, subject to change in market conditions.

Combined Refunding Sensitivity Analysis*

San Ramon Valley Unified School District 2020 General Obligation Refunding Bonds (August 2020)					
	2012 Refunding	2013 Refunding	2012 Election, Series 2013	2012 Election, Series 2015	TOTAL
Refunding Issuance Date	10/21/2020	10/21/2020	10/21/2020	10/21/2020	
Next Call Date at Par	8/1/2022	8/1/2023	8/1/2023	8/1/2025	
Gross Savings (\$)	9,002,752	2,358,734	6,138,737	4,739,664	22,239,887
NPV Savings (\$)	8,192,785	2,093,028	4,983,611	3,795,273	19,064,696
NPV Savings (%)	8.52%	5.47%	7.02%	3.10%	5.81%
Negative Arbitrage (\$)	3,371,795	2,118,634	3,896,239	11,056,791	20,443,459
True Interest Cost	1.25%	1.51%	2.12%	2.34%	2.06%

San Ramon Valley Unified School District 2021 and 2022 General Obligation Refunding Bonds					
	2012 Refunding	2013 Refunding	2012 Election, Series 2013	2012 Election, Series 2015	TOTAL
Refunding Issuance Date	10/1/2021	10/1/2021	10/1/2021	10/1/2022	
Rate Assumption	Current + 15 bps	Current + 15 bps	Current + 15 bps	Current + 30 bps	
Next Call Date at Par	8/1/2022	8/1/2023	8/1/2023	8/1/2025	
Gross Savings (\$)	10,721,451	3,251,093	8,809,700	11,949,592	34,731,836
NPV Savings (\$)	10,058,380	2,992,737	7,552,721	9,402,448	30,006,286
NPV Savings (%)	10.46%	7.82%	10.64%	7.68%	9.15%
Negative Arbitrage (\$)	1,225,486	1,081,396	1,994,019	7,780,044	12,080,945
True Interest Cost	1.11%	1.39%	2.02%	2.34%	2.00%

Financing Schedule*

Date	Description
September 15, 2020	School Board Considers Financing Documents
September 16, 2020	Credit Rating Presentation
September 23, 2020	Credit Rating Received
September 30, 2020	Pricing
October 21, 2020	Closing

* Preliminary and subject to change