New Hope-Solebury School District

BOND SALE DOCUMENT

General Obligation Bonds
Series A of 2016

Results of Negotiated Pricing

\$9,860,000

October 25, 2016 (Parameters Resolution adopted on October 17, 2016)

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CREDIT OPINION

11 October 2016

New Issue

Rate this Research



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New Hope-Solebury School District, PA

New Issue - Moody's assigns Aa1 rating to New Hope-Solebury School District, PA's \$9.9M GOLT Bonds

Summary Rating Rationale

Moody's Investors Service has assigned an Aa1 rating to the New Hope-Solebury School District, PA's \$9.9 million General Obligation Bonds, Series A of 2016. Moody's affirmed an Aa1 rating on the district's outstanding GO debt.

The Aa1 rating reflects the district's sizeable and affluent tax base with strong socioeconomic trends and below-average debt burden with manageable fixed costs. Additionally, the rating reflects the district's sound financial position, which remains so despite declines in reserves.

Credit Strengths

- » Sizeable tax base with above-average socioeconomic indicators
- » Sound financial position despite recent reserve draws
- » Below-average debt burden
- » Willingness to raise revenues

Credit Challenges

- » Rising expenditures associated with pensions and salaries
- » Additional reserve declines anticipated

Rating Outlook

Outlooks are generally not assigned to local governments with this amount of debt outstanding.

Factors that Could Lead to an Upgrade

- » Implementation and sustained structurally balanced budget
- » Increase in reserve and liquidity levels
- » Material growth of tax base

Factors that Could Lead to a Downgrade

- » Additional declines in reserve levels beyond fiscal 2017 expectations
- » Deterioration of tax base and decrease in wealth levels

MOODY'S INVESTORS SERVICE U.S. PUBLIC FINANCE

Key Indicators

Exhibit 1

New Hope-Solebury School District, PA	2011	2012	2013	2014	2015
Economy/Tax Base					
Total Full Value (\$000)	\$ 2,637,282	\$ 2,622,434	\$ 2,538,445	\$ 2,543,366	\$ 2,538,109
Full Value Per Capita	\$ 237,251	\$ 234,817	\$ 226,606	\$ 227,086	\$ 226,617
Median Family Income (% of US Median)	190.4%	190.6%	201.6%	218.3%	218.3%
Finances					
Operating Revenue (\$000)	\$ 32,189	\$ 32,766	\$ 33,907	\$ 35,658	\$ 35,824
Fund Balance as a % of Revenues	19.1%	19.6%	20.0%	20.1%	17.5%
Cash Balance as a % of Revenues	19.6%	18.8%	22.1%	21.1%	18.8%
Debt/Pensions					
Net Direct Debt (\$000)	\$ 31,372	\$ 28,487	\$ 25,382	\$ 22,207	\$ 20,917
Net Direct Debt / Operating Revenues (x)	1.0x	0.9x	0.7x	0.6x	0.6x
Net Direct Debt / Full Value (%)	1.2%	1.1%	1.0%	0.9%	0.8%
Moody's - adjusted Net Pension Liability (3-yr average) to Revenues (x)	N/A	0.8x	1.1x	1.2x	1.4x
Moody's - adjusted Net Pension Liability (3-yr average) to Full Value (%)	N/A	1.0%	1.4%	1.7%	1.9%

Source: Moody's Investor Service

Detailed Rating Considerations

Economy and Tax Base: Sizeable and Affluent Tax Base

The New Hope-Solebury School District serves the New Hope Borough, PA and <u>Township of Solebury, PA</u> (Aa2), which are located in <u>Bucks County</u> (Aaa,stable) in southeastern <u>Pennsylvania</u> (Aa3,stable). The district has a sizeable \$2.5 billion tax base and socioeconomic demographics that are well above-average.

The suburban/rural communities the district serves are commutable to several economic hubs including Philadelphia, PA (A2, negative) and New York City (Aa2, stable) which are approximately 40 and 70 miles away, respectively. The district has a strong \$226,617 full value per capita and high wealth levels with per capita income and median family income at 222% and 218.3% of national averages, respectively. Taxpayer concentration is minimal at 2%.

Financial Operations and Reserves: Sound Financial Position Despite Declining Reserves

The school district's finances are expected to remain strong despite a recent draws on general fund balance. Fiscal 2015 ended with available General Fund balance at 17.5% of revenues following a drawdown of \$877,000. The decline was due to increasing costs related to salaries, benefits and pension contributions. While audited financials are not yet available for fiscal 2016, the district reports an additional draw of \$1.3 million, leaving available General Fund balance at approximately 15% of revenues. The district was not significantly impacted by the state budget impasse as the majority of its revenues come from local sources. For fiscal 2017, the district is anticipating an additional drawdown of General Fund balance. Despite these declines in reserves, the district remains in a sound financial position.

LIQUIDITY

The district's liquidity is sound and despite declines, expected to remain so. General Fund cash declined \$767,000 in fiscal 2015 to \$6.7 million, or a still healthy 19% of revenues. The district anticipates a further decline in net cash for fiscal 2016, however audited financials are not yet available.

This publication does not announce a credit rating action. For any credit ratings referenced in this publication, please see the ratings tab on the issuer/entity page on www.moodys.com for the most updated credit rating action information and rating history.

MOODY'S INVESTORS SERVICE U.S. PUBLIC FINANCE

Debt and Pensions: Manageable Debt and Pension Burden

The district's debt burden is below-average compared national and state medians, with net direct debt at 1.3% of full valuation and increasing to 3% of full valuation when overlapping town and county debt is included. In fiscal 2015, debt service was manageable at 12% of operating expenses. Amortization of principal is slow with 32% paid within 10 years.

The district anticipates issuing an additional \$6 million in debt as part of its campus revitalization plan which is making upgrades to the middle school and high school. Taking this future issuance into consideration, Moody's expects the districts debt burden to remain manageable. Much of the district's debt has been restructured so as to keep debt service payments at their current levels.

DEBT STRUCTURE

All of the district's debt is fixed-rate.

DEBT-RELATED DERIVATIVES

The district is not party to interest rate swaps or derivatives.

PENSIONS AND OPEB

The New Hope-Solebury School District participates in the Pennsylvania Public School Employees Retirement System ("PSERS"), a multiemployer, defined-benefit plan administered by the state. The district's annual required contribution for fiscal 2015 was \$1.9 million, which along with OPEB contributions of \$153,000, accounted for 5.1% of operating expenses.

Under Moody's methodology for adjusting reported pension data, the district's adjusted net pension liability ("ANPL") is \$48.3 million, which at 1.35 times operating revenue, is average for Pennsylvania school districts. The adjustments Moody's makes to determine ANPL are not intended to replace the district's reported liability information but rather to improve the comparability of reported liability information. We determine the district's share of liability for state-run plans in proportion to its contributions to the plans.

Management and Governance

Leadership of the New Hope-Solebury School District has demonstrated their commitment to growing reserves through their willingness to raise property tax rates above the Act 1 index in both fiscal 2016 and fiscal 2017. Additionally, the district has additional reserves set aside to address increasing pension costs.

Pennsylvania school districts have an institutional framework score of "Baa," or weak. Revenues primarily consist of local property taxes, income taxes, and state aid. Revenue predictability is low as state aid can fluctuate annually based on state budget appropriations. Districts have a moderate ability to raise revenues as they are subject to the Act 1 cap, which requires voter approval for property tax increases above an Act 1 index, driven by the CPI. Expenditures primarily consist of instructional expenses, which are moderately predictable. Districts maintain a moderate ability to cut costs based on union contract negotiations and rising pension costs.

Legal Security

The bonds are secured by the district's limited ad valorem tax pledge as they are subject to Act 1 limitations.

Use of Proceeds

The proceeds from this issuance is being used fund the district's campus revitalization plan, including improvements to the middle and high school.

Obligor Profile

The New Hope-Solebury School District serves the New Hope Borough and Township of Solebury, which are located in Bucks County in southeastern Pennsylvania.

Methodology

The principal methodology used in this rating was US Local Government General Obligation Debt published in January 2014. Please see the Rating Methodologies page on www.moodys.com for a copy of this methodology.

MOODY'S INVESTORS SERVICE U.S. PUBLIC FINANCE

Ratings

Exhibit 2

New Hope-Solebury School District, PA

Issue	Rating
General Obligation Bonds, Series A of 2016	Aa1
Rating Type	Underlying LT
Sale Amount	\$9,850,000
Expected Sale Date	10/14/2016
Rating Description	General Obligation
	Limited Tax

Source: Moody's Investors Service



MUNICIPAL MARKET UPDATE

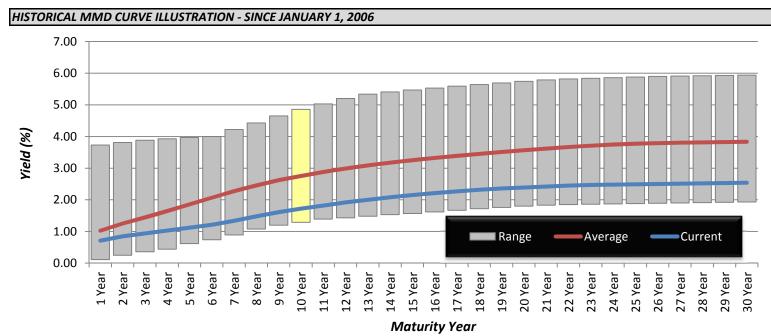
October 25, 2016

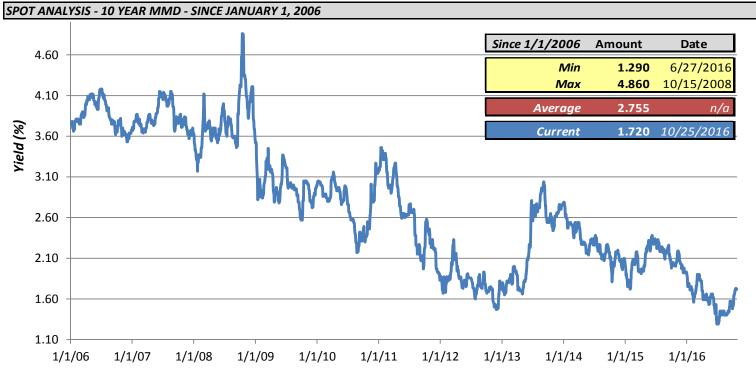


MMD YIELD CURVE

The MMD Yield Curve is a high grade municipal yield curve published daily by Municipal Market Data. It is one of the most commonly used benchmarks in municipal finance. The yields within the curve reflect the current yields for each maturity year at which bondholders would be likely to sell high quality (AAA rated) general obligation backed bonds. The yield curve is typically influenced by new issuances in the primary market as well as post-issuance trading in the secondary market.

Municipal bonds typically trade at a "spread to MMD", meaning the difference between the yield in a specific year of a bond issue and the respective yield in the MMD Yield Curve. While these spreads vary over time, they can be a meaningful and powerful tool in trying to compare relative yield levels in a volatile interest rate environment.





					(/	1 Actual)		2 (Acti		(A	3 ctual)		4 (Actual)		5 (Actu		(6 (Actual)			7 nated)		8
			_			tep 1a		Step			tep 2		Step 3		Step			Step 4b			ep 5		Total
		_		ncipal		360,000		\$2,255			15,000		9,660,00		\$3,465	,000		,860,000		\$6,58	0,000		47,195,000
Net Orig			ium/(Dis	,	\$2	284,208		\$95,8		\$23	37,985	Ш.	\$95,235					43,321)					\$669,964
			ney Proc –			-		\$2,350),857		-	11 3	9,755,23	35	-		\$9	,816,679	9	\$6,58	30,000		28,502,771
		Refund	ling Proc			,644,208		-	_		252,985	Ш.			\$3,465			-			-	\$	19,362,193
				ırpose		tructurin	g	New M	-		unding		New Mon	еу	Refun			w Mone	У		Money		
			Assume			xisting		0.00			risting		0.00%		Exist	-		0.00%			00%		
	Estimat		ınding Sa			85,600		n/a			6,042		n/a		\$239,			n/a			ı/a		51,241,248
		Es	timated 1	Timing	Dece	mber 20	14	Decemb	er 2014	Mar	ch 2015	De	cember 2	015	June 2	2016	Dece	ember 20	016	Novem	ber 2017		
* Draggeda ing			Interest			Actual	una // alia	Acti	ual	A	ctual	┧┕	Actual		Actu	ıal		Actual		Conse	ervative	」レ	
* Proceeds incl	uaes prin		nount plus		giriai issi	ie premi		count)	40		4	4		45		10			47		4	0	10
Fiscal Year Ending 6/30/2014 6/30/2015	L	5,955	3,8	unded Local Effort 35,955 41,347		\$7,360,00 20 Refundi .ocal Eff	014 ing ort	New	13 255,000 2014 Money al Effort 11,463	R	1,015,000 2013 efunding cal Effor 678,34		\$9,660, 20 New Mo Local E	015A oney	Ref	16 65,000 2016 unding		\$9,860,0 20 New Mo Local Ei	16A oney	Ne	,580,000 201 w Mone cal Effor	7 <i>y</i>	Overall Local Effort 3,835,955 3,832,644
6/30/2016	3,850),414	4	43,725		2,206,9	904		67,650		867,67			3,349									3,639,304
6/30/2017 6/30/2018	3,85 ² 2,093		1,9	42,934		154,3 1,119,6			67,650 67,650		618,12 677,61			0,993 5,943		227,931 445,879			,233		166,31	5	3,350,242 3,012,652
6/30/2019	2,084	1,325				633,5	524		230,175		1,005,70	3	295	,843		438,418		239	,570		180,80	2	3,024,034
6/30/2020 6/30/2021	2,089					632, ²			225,225 225,200		994,36 993,38			,743 ,643		443,597 441,633			,495 ,420		180,71 180,63		3,011,288 3,011,001
6/30/2022	2,094					637,4			220,100		989,75			,543		444,210			,345		180,54		3,006,946
6/30/2023 6/30/2024	2,089					629,7 631,2			224,850 224,375		990,73			,443 ,343		448,481 449,659			,245 ,145		180,44 180,34		3,008,928
6/30/2024	2,090 1,075					632,			238,300		991,32			,343		426,344			,045		180,34		3,011,419 3,011,318
6/30/2026	•												1,041					1,028			685,13		2,755,904
6/30/2027 6/30/2028													1,039 1,040					1,033 1,031			683,45 685,97		2,755,859 2,758,234
6/30/2029													1,038	3,550				1,033	,900		687,60	0	2,760,050
6/30/2030 6/30/2031													1,038					1,029			688,30 693,15		2,756,800 2,760,323
6/30/2032													1,041					1,026			692,12		2,760,769
6/30/2033													1,038					1,028			690,32		2,757,517
6/30/2034 6/30/2035													1,036					1,035 1,030			687,74 689,40		2,759,638 2,757,962
6/30/2036													1,037					1,030			690,16		2,758,645
TOTAL	31,092	2,081	9,2	63,963		8,013,6	699	2,	802,638		8,807,02	0	14,138	,912	3,	766,152		13,301	,613		9,003,43	3	69,097,429
4,000,000 -																							
3,800,000 -				-											2017 New 2016A Nev	•				2016 Re	funding lew Mone	nv	
3,600,000 -				Ţ											2015 Refu						w Money		
3,400,000 -															2014 Refu	nding				Unrefun	ded Local	Effort	
3,200,000 - 3,000,000 -															Existing Lo	cal Effort	Before P	lan					
2,800,000 -																							
2,600,000 -																							
2,400,000 -																							
2,200,000 -																				H	H	H	
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400,000 -								\mathbf{H}	\perp						H				\mathbb{H}	H	H	H	
200.000																							
200,000 -																							
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	203	5 2036

RIES A OF 2	016								Settled Dated	12/1/2016 12/1/2016
1	2	3	4	5	6	7	8	9	10	1′
						Proposed		Proposed	Existing	Tota
					Semi-Annual	Fiscal Year	Less:	Local	Local	Loca
<u>Date</u>	Principal	<u>Coupon</u>	<u>Yield</u>	Interest	Debt Service	Debt Service	State Aid	Effort	Effort	<u>Effor</u>
2/15/2017				48,232.58	48,232.58	48,232.58	0.00	48,232.58	3,302,009.45	3,350,242.0
3/15/2017				117,322.50	117,322.50					
2/15/2018	5,000	1.500	1.500	117,322.50	122,322.50	239,645.00	0.00	239,645.00	2,606,691.59	2,846,336.5
3/15/2018				117,285.00	117,285.00					
/15/2019	5,000	1.500	1.500	117,285.00	122,285.00	239,570.00	0.00	239,570.00	2,603,661.95	2,843,231.9
/15/2019				117,247.50	117,247.50					
2/15/2020	5,000	1.500	1.500	117,247.50	122,247.50	239,495.00	0.00	239,495.00	2,591,075.71	2,830,570.7
3/15/2020				117,210.00	117,210.00					
2/15/2021	5,000	1.500	1.500	117,210.00	122,210.00	239,420.00	0.00	239,420.00	2,590,950.70	2,830,370.7
3/15/2021				117,172.50	117,172.50					
/15/2022	5,000	2.000	2.000	117,172.50	122,172.50	239,345.00	0.00	239,345.00	2,587,061.02	2,826,406.0
3/15/2022				117,122.50	117,122.50					
2/15/2023	5,000	2.000	2.000	117,122.50	122,122.50	239,245.00	0.00	239,245.00	2,589,238.31	2,828,483.3
3/15/2023				117,072.50	117,072.50					
/15/2024	5,000	2.000	2.000	117,072.50	122,072.50	239,145.00	0.00	239,145.00	2,591,927.01	2,831,072.0
3/15/2024				117,022.50	117,022.50					
/15/2025	5,000	2.000	2.000	117,022.50	122,022.50	239,045.00	0.00	239,045.00	2,592,030.01	2,831,075.0
/15/2025				116,972.50	116,972.50					
2/15/2026	795,000	2.000	2.000	116,972.50	911,972.50	1,028,945.00	0.00	1,028,945.00	1,041,825.00	2,070,770.0
/15/2026				109,022.50	109,022.50					
/15/2027	815,000	2.000	2.150	109,022.50	924,022.50	1,033,045.00	0.00	1,033,045.00	1,039,358.75	2,072,403.7
/15/2027				100,872.50	100,872.50					
/15/2028	830,000	2.150	2.250	100,872.50	930,872.50	1,031,745.00	0.00	1,031,745.00	1,040,513.75	2,072,258.7
/15/2028				91,950.00	91,950.00					
/15/2029	850,000	2.250	2.350	91,950.00	941,950.00	1,033,900.00	0.00	1,033,900.00	1,038,550.00	2,072,450.0
/15/2029				82,387.50	82,387.50					
2/15/2030	865,000	2.400	2.500	82,387.50	947,387.50	1,029,775.00	0.00	1,029,775.00	1,038,725.00	2,068,500.0
/15/2030				72,007.50	72,007.50					
/15/2031	885,000	2.500	2.550	72,007.50	957,007.50	1,029,015.00	0.00	1,029,015.00	1,038,150.00	2,067,165.0
/15/2031				60,945.00	60,945.00					
2/15/2032	905,000	2.550	2.550	60,945.00	965,945.00	1,026,890.00	0.00	1,026,890.00	1,041,750.00	2,068,640.0
/15/2032				49,406.25	49,406.25					
/15/2033	930,000	2.550	2.550	49,406.25	979,406.25	1,028,812.50	0.00	1,028,812.50	1,038,375.00	2,067,187.5
/15/2033				37,548.75	37,548.75					
/15/2034	960,000	2.550	2.550	37,548.75	997,548.75	1,035,097.50	0.00	1,035,097.50	1,036,800.00	2,071,897.5
/15/2034				25,308.75	25,308.75					
/15/2035	980,000	2.550	2.550	25,308.75	1,005,308.75	1,030,617.50	0.00	1,030,617.50	1,037,937.50	2,068,555.0
/15/2035	•			12,813.75	12,813.75			•	-	•
	1,005,000	2.550	2.550	12,813.75	1,017,813.75	1,030,627.50	0.00	1,030,627.50	1,037,850.00	2,068,477.5
TOTALS	9,860,000			3,441,612.58	13,301,612.58	13,301,612.58	0.00	13,301,612.58	35,484,480.74	48,786,093.3

PE%= 0.00% Estimated AR%= 10.00% (2016-2017)

^{*} Optional redemption date of February 15, 2022

NEW HOPE-SOLEBURY SCHOOL DISTRICT

SERIES A OF 2016 SOURCES AND USES OF FUNDS

SOURCES:		
Bonds		9,860,000.00
Net Original Issue Discount		(43,321.30)
Accrued Interest		0.00
	Total	9,816,678.70

USES:			
Deposit to Construction Fund			9,697,971.70
Underwriter's Discount (RW Baird)		\$4.95	48,807.00
Bond Insurance			0.00
Total Legal Fees plus Expenses			23,000.00
Financial Advisor			23,000.00
Credit Rating (Moody's Aa1)			12,150.00
OS Formatting/Printing			8,500.00
Paying Agent (BNY Mellon)			750.00
Miscellaneous Expenses/Rounding			2,500.00
	Total		9,816,678.70

Sale Date	10/25/2016
Dated Date	12/1/2016
Settlement Date	12/1/2016

Yield of	the Issue	2.454546

OID/(OIP) Calculation	
<u>Date</u>	<u>Price</u>	OIP/(OID)
2/15/2018	100.000%	0.00
2/15/2019	100.000%	0.00
2/15/2020	100.000%	0.00
2/15/2021	100.000%	0.00
2/15/2022	100.000%	0.00
2/15/2023	100.000%	0.00
2/15/2024	100.000%	0.00
2/15/2025	100.000%	0.00
2/15/2026	100.000%	0.00
2/15/2027	98.630%	(11,165.50)
2/15/2028	99.012%	(8,200.40)
2/15/2029	98.942%	(8,993.00)
2/15/2030	98.879%	(9,696.65)
2/15/2031	99.405%	(5,265.75)
2/15/2032	100.000%	0.00
2/15/2033	100.000%	0.00
2/15/2034	100.000%	0.00
2/15/2035	100.000%	0.00
2/15/2036	100.000%	0.00
TOTAL	_	(43,321.30)

							uirements	ebt Service Req
	8	7	6	5	4	3	2	1
Tota	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Notes	G.O. Bonds	Fiscal
Deb	Series A of	Series of	Series A of	Series of	Series B of	Series A of	Series of	Year
Servic	2016	2016	2015	2015	2014	2014	1999	Ended
3,408,58	48,233	232,185	290,993	629,650	67,650	159,875	1,980,000	6/30/2017
2,907,18	239,645	454,200	295,943	690,250	67,650	1,159,500	, ,	6/30/2018
2,892,73	239,570	446,600	295,843	1,024,450	230,175	656,100		6/30/2019
2,879,91	239,495	451,875	295,743	1,012,900	225,225	654,675		6/30/2020
2,879,76	239,420	449,875	295,643	1,011,900	225,200	657,725		6/30/2021
2,875,86	239,345	452,500	295,543	1,008,200	220,100	660,175		6/30/2022
2,877,76	239,245	456,850	295,443	1,009,200	224,850	652,175		6/30/2023
2,880,43	239,145	458,050	295,343	1,009,800	224,375	653,725		6/30/2024
2,861,55	239,045	434,300	295,239	1,000,000	1,238,300	654,675		6/30/2025
2,070,77	1,028,945	101,000	1,041,825		1,200,000	001,070		6/30/2026
2,072,40	1,033,045		1,039,359					6/30/2027
2,072,25	1,031,745		1,040,514					6/30/2028
2,072,45	1,033,900		1,038,550					6/30/2029
2,068,50	1,029,775		1,038,725					6/30/2030
2,067,16	1,029,015		1,038,150					6/30/2031
2,068,64	1,026,890		1,041,750					6/30/2032
2,067,18	1,028,813		1,038,375					6/30/2033
2,071,89	1,035,098		1,036,800					6/30/2034
2,068,55	1,030,618		1,037,938					6/30/2035
2,068,47	1,030,628		1,037,850					6/30/2036
								6/30/2037
								6/30/2038
								6/30/2039
								6/30/2040
49,232,11	13,301,613	3,836,435	14,085,564	7,396,350	2,723,525	5,908,625	1,980,000	Totals
							uirements	cal Effort Requ
1	17	16	15	14	13	12	11	10
Tota	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Notes	G.O. Bonds	Fiscal
Loca	Series A of	Series of	Series A of	Series of	Series B of	Series A of	Series of	Year
Effo	2016	2016	2015	2015	2014	2014	1999	Ended
3,350,24	48,233	227,931	290,993	618,127	67,650	154,374	1,942,934	6/30/2017
2,846,33	239,645	445,879	295,943	677,618	67,650	1,119,602		6/30/2018
2,843,23	239,570	438,418	295,843	1,005,703	230,175	633,524		6/30/2019
2,830,57	239,495	443,597	295,743	994,364	225,225	632,148		6/30/2020
2,830,37	239,420	441,633	295,643	993,382	225,200	635,093		6/30/2021
2,826,40	239,345	444,210	295,543	989,750	220,100	637,458		6/30/2022
2,828,48	239,245	448,481	295,443	990,732	224,850	629,734		6/30/2023
2,831,07	239,145	449,659	295,343	991,321	224,375	631,230		6/30/2024
2,831,07	239,045	426,344	295,239		1,238,300	632,148		6/30/2025
2,070,77	1,028,945		1,041,825					6/30/2026
2,072,40	1,033,045		1,039,359					6/30/2027
2,072,25	1,031,745		1,040,514					6/30/2028
2,072,45	1,033,900		1,038,550					6/30/2029
2,068,50	1,029,775		1,038,725					6/30/2030
2,067,10	1,029,015		1,038,150					6/30/2031
2,068,64	1,026,890		1,041,750					6/30/2032
2,067,18	1,028,813		1,038,375					6/30/2033
2,071,8								6/30/2034
	1.035.098		1.036.800					6/30/2035
	1,035,098 1,030,618		1,036,800 1,037,938					
2,068,5	1,030,618		1,037,938					
2,068,5								6/30/2036
2,068,5	1,030,618		1,037,938					6/30/2036 6/30/2037
2,068,5	1,030,618		1,037,938					6/30/2036 6/30/2037 6/30/2038
2,068,5	1,030,618		1,037,938					6/30/2036 6/30/2037 6/30/2038 6/30/2039
2,068,55 2,068,47	1,030,618 1,030,628	2.700.450	1,037,938 1,037,850	7.260.007	2 722 525	E 70E 200	4.042.024	6/30/2036 6/30/2037 6/30/2038 6/30/2039 6/30/2040
2,068,55 2,068,4	1,030,618	3,766,152	1,037,938	7,260,997	2,723,525	5,705,309	1,942,934	6/30/2036 6/30/2037 6/30/2038 6/30/2039
2,068,5 2,068,4 48,786,0	1,030,618 1,030,628	3,766,152 3,290,000	1,037,938 1,037,850	7,260,997 6,640,000	2,723,525 2,255,000	5,705,309 5,160,000	1,942,934	6/30/2036 6/30/2037 6/30/2038 6/30/2039 6/30/2040
2,068,5 2,068,4 48,786,0	1,030,618 1,030,628 13,301,613	3,290,000	1,037,938 1,037,850 14,085,564 9,660,000	6,640,000	2,255,000	5,160,000	0	6/30/2036 6/30/2037 6/30/2038 6/30/2039 6/30/2040 Totals
2,068,5 2,068,4 48,786,0	1,030,618 1,030,628 13,301,613 9,860,000 0.00%	3,290,000	1,037,938 1,037,850 14,085,564 9,660,000 0.00%	6,640,000	2,255,000	5,160,000	18.72%	6/30/2036 6/30/2037 6/30/2038 6/30/2039 6/30/2040 Totals Principal [1]:
2,068,5 2,068,4 48,786,0	1,030,618 1,030,628 13,301,613 9,860,000 0.00% Estimated [2]	3,290,000 18.32% Estimated	1,037,938 1,037,850 14,085,564 9,660,000 0.00% Estimated [2]	6,640,000 18.30% Perm	2,255,000 0.00% Estimated ^[2]	5,160,000 34.41% Perm	18.72% Temp	6/30/2036 6/30/2037 6/30/2038 6/30/2039 6/30/2040 Totals Principal [1]: PE%:
2,068,55 2,068,47 48,786,09	1,030,618 1,030,628 13,301,613 9,860,000 0.00% Estimated [2] 10.00%	3,290,000 18.32% Estimated 10.00%	1,037,938 1,037,850 14,085,564 9,660,000 0.00% Estimated [2] 10.00%	6,640,000 18.30% Perm 10.00%	2,255,000 0.00% Estimated ^[2] 10.00%	5,160,000 34.41% Perm 10.00%	18.72% Temp 10.00%	6/30/2036 6/30/2037 6/30/2038 6/30/2039 6/30/2040 Totals Principal ^[1] : PE%: PE% Status: AR% (16-17):
2,068,47 2,068,47 48,786,09	1,030,618 1,030,628 13,301,613 9,860,000 0.00% Estimated [2]	3,290,000 18.32% Estimated	1,037,938 1,037,850 14,085,564 9,660,000 0.00% Estimated [2]	6,640,000 18.30% Perm	2,255,000 0.00% Estimated ^[2]	5,160,000 34.41% Perm	18.72% Temp	6/30/2036 6/30/2037 6/30/2038 6/30/2039 6/30/2040 Totals Principal [1]: PE%:
2,068,55 2,068,47 48,786,09 36,865,00	1,030,618 1,030,628 13,301,613 9,860,000 0.00% Estimated [2] 10.00%	3,290,000 18.32% Estimated 10.00%	1,037,938 1,037,850 14,085,564 9,660,000 0.00% Estimated [2] 10.00%	6,640,000 18.30% Perm 10.00%	2,255,000 0.00% Estimated ^[2] 10.00%	5,160,000 34.41% Perm 10.00% 3/1/2020	18.72% Temp 10.00%	6/30/2036 6/30/2037 6/30/2038 6/30/2039 6/30/2040 Totals Principal [1]: PE%: PE% Status: AR% (16-17):

^[1] Outstanding as of October 25, 2016

For these purposes, assumes no PlanCon reimbursement, however the District may be eligible to receive ongoing PlanCon reimbursement for the Campus Revitalization Plan



NEW HOPE-SOLEBURY SCHOOL DISTRICT

Pricing Comparison Series A of 2016 Bonds



Issuer: New Hope-Solebury School District
Par Amount: \$9,860,000
Pricing Date: Tuesday, October 25, 2016

Moody's Rating:

S&P Rating:

Insurer:

Financial Advisor: Underwriter:

> Type of Sale: BQ Status: Security:

> > Call Date:

Aa1 Not Rated

None

PFM Financial Advisors LLC
Robert W. Baird & Janney Montgomery Scott

Negotiated Bank Qualified General Obligation 2/15/2022 Montgomery Township \$8,585,000

Wednesday, September 28, 2016

Not Rated

AAA None

None

RBC Capital Markets

Negotiated

Bank Qualified General Obligation 12/1/2021

3 4 6 7 8 10 11 12 5 9 MMD Yield Spread Yield Spread Year **Principal** Coupon Coupon **Principal Spread** to MMD [1] to Call to MMD [2] to Call **Difference** 0 2016 2017 1 1.500% ^T 2 2018 5,000 1.500% 71 bps 25,000 1.000% 0.900% 11 bps 60 bps 1.500% ^T 5,000 1.500% 250,000 2.000% 3 2019 60 bps 1.000% 15 bps 45 bps 5,000 1.500% ^T 255,000 4 2020 1.500% 51 bps 3.000% 1.100% 18 bps 33 bps 5 2021 5,000 1.500% 1.500% ^T 44 bps 265,000 3.000% 1.180% 19 bps 25 bps 5,000 2.000% 2.000% T 275,000 3.000% 1.280% 6 2022 83 bps 20 bps 63 bps 48 bps 7 2023 5,000 2.000% 2.000% T 72 bps 280,000 2.000% 1.410% 24 bps 5,000 2.000% ^T 8 2024 2.000% 61 bps 285,000 2.000% 1.550% 28 bps 33 bps 9 2025 5,000 2.000% 2.000% ^T 48 bps 290,000 2.000% 1.650% 29 bps 19 bps 2026 795,000 2.000% 295,000 1.750% 30 bps 10 2.000% 35 bps 2.000% 5 bps 11 2027 815,000 2.000% 2.150% 38 bps 300,000 2.000% 1.880% 34 bps 4 bps 12 2028 830,000 2.150% 2.250% 39 bps 310,000 2.000% 2.030% 38 bps 1 bps 850,000 2.250% 315,000 2.300% ^T (17 bps) 13 2029 2.350% 38 bps 2.200% 55 bps 2.300% ^T 14 2030 865,000 2.400% 2.500% 42 bps 320,000 2.200% 48 bps (6 bps) 885,000 2.500% 2.550% 40 bps 330,000 2.200% 2.300% ^T 43 bps 15 2031 (3 bps) 2032 905,000 2.550% 2.550% T 34 bps 335,000 3.000% 2.300% ^T 37 bps 16 (3 bps) 17 2033 930,000 2.550% 2.550% ^T 28 bps 350,000 3.000% 2.300% ^T 32 bps (4 bps) 960,000 2.550% T 2.500% T 18 2034 2.550% 23 bps 355,000 3.000% 47 bps (24 bps) 19 2035 980,000 2.550% 2.550% ^T 19 bps 370,000 3.000% 2.500% ^T 42 bps (23 bps) 2.550% ^T 2.650% ^T 20 2036 1,005,000 2.550% 16 bps 380,000 3.000% 53 bps (37 bps) 2037 2.650% 21 390,000 3.000% 50 bps 22 2038 405,000 3.000% 2.880% ^T 70 bps 2.880% ^T 23 2039 415,000 3.000% 68 bps 24 2040 425,000 3.000% 2.880% T 67 bps 25 2041 440,000 3.000% 3.010% T 79 bps 3.010% T 26 2042 455,000 3.000% 78 bps 27 2043 470,000 3.000% 3.010% ^T 77 bps 28 2044 29 2045 30 2046

Maturities that represent \$9,820,000 or 99.6% of the total principal amount of NHSD 2016A Bonds

Denotes term bonds

^[1] Spread to February interpolated MMD for 10/24/2016

^[2] Spread to June interpolated MMD for 9/27/2016