ANNUAL BOND SALES REPORT

Fiscal Year Ended March 31, 2016

NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY

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List of issuances, refundings, and conversions

List of outstanding bonds as of March 31, 2016

ISSUANCES

Company/Series	Date Issued	Date of	Amount	Savings	Initial	Initial	M/WBE
		Maturity	Issued	(\$000s)	Interest	Interest	Participation
			(\$000s)		Rate	Rate	
					Mode		
NYSERDA	08/20/2015	07/01/2016	\$46,358	NA	Fixed	.5%-3.82%	None
Residential Energy		through					
Efficiency		07/01/2030					
Financing revenue							
Bonds Series 2015A							
NYSERDA	09/30/2016	03/01/2023	\$24,878	NA	Fixed and	4.93%-	None
Residential Solar		through			Variable	5.24%	
Loan Revenue		06/01/2026					
Bonds Series 2015							

REFUNDINGS

Company/Series	Date Issued	Date of	Amount	Savings	Initial	Initial	M/WBE
		Maturity	Issued	(\$000s)	Interest	Interest	Participation
		-	(\$000s)		Rate Mode	Rate	_
Niagara Mohawk	11/19/1998	11/01/2025	\$75,000	\$68,400	Fixed	5.15%	None
Series 1998A							

CONVERSIONS

Company/Series	Date	Date of	Principal	Additio	Initial Interest	Initial	M/WBE		
	Converted	Maturity	Amount	nal Savings	Rate Mode	Interest	Participation		
(\$000s)						Rate			
(\$000s)									
None									

NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY BONDS OUTSTANDING AS OF MARCH 31, 2016

	Company	Project description	<u>Series</u>	CUSIP	Date Closed		Maturity	Amount (000's)	Interest Savings
	Brooklyn Union Gas Company	Gas Facilities Revenue Bonds	1993 A	649842 BB 6	7/29/1992	4/29/1993	4/1/2020	\$37,500	\$20,000
	Brooklyn Union Gas Company	Gas Facilities Revenue Bonds	1993 B	649842 BA 8	7/29/1992	4/29/1993	4/1/2020	\$37,500	\$20,000
	Brooklyn Union Gas Company	Variable Rate Gas Facilities Revenue Bonds	1997 A-1		1/16/1997	1/16/1997	12/1/2020	\$75,000	\$60,397
	Brooklyn Union Gas Company	Variable Rate Gas Facilities Revenue Bonds	1997 A-2		1/16/1997	1/16/1997	12/1/2020	\$50,000	\$40,265
	Brooklyn Union Gas Company	5 1/2% Gas Facilities Revenue Bonds	1996 A	649842 BL 4	1/29/1996	1/15/1996	1/1/2021	\$153,500	\$117,500
	Brooklyn Union Gas Company	Adjustable Rate Gas Facilities Revenue Bonds	1991 A	649842 AT 8	7/31/1991	7/24/1991	7/1/2026	\$50,000	\$59,000
	Brooklyn Union Gas Company	Adjustable Rate Gas Facilities Revenue Bonds	1991 B	649842 AS 0	7/31/1991	7/24/1991	7/1/2026	\$50,000	\$59,000
	Brooklyn Union Gas Company	Adjustable Rate Gas Facilities Revenue Bonds	1991 D	649842 AU 5	7/31/1991	7/24/1991	7/1/2026	\$50,000	\$59,000
- 1	Brooklyn Union Gas Company Total							\$503,500	\$435,162
- 1	Brooklyn Union Gas Company d/b/a KeySpan Energy Delivery New York	4.70% Gas Facilities Revenue Bonds	2005 A	649842 CC 3	11/1/2005	11/1/2005	2/1/2024	\$82,000	\$137,164
- 1	Brooklyn Union Gas Company d/b/a KeySpan Energy Delivery New York	Gas Facilities Revenue Bonds	2005B	649842 CD 1	11/1/2005	11/1/2005	6/1/2025	\$55,000	\$77,827
- 1	Brooklyn Union Gas Company d/b/a KeySpan Energy Delivery New York Total							\$137,000	\$214,991
(Central Hudson Gas & Electric Co.	Pollution Control Refunding Revenue Bonds	1999 B	649845 EW 0	8/3/1999	7/27/1999	7/1/2034	\$33,700	\$32,700
(Central Hudson Gas & Electric Co. Total							\$33,700	\$32,700
(Consolidated Edison Company	Facilities Revenue Bonds	2001B-1	64984E CM5	11/1/2001	11/1/2001	10/1/2026	\$33,000	\$14,333
(Consolidated Edison Company	Facilities Revenue Bonds	2001B-2	64984E CN3	11/1/2001	11/1/2001	10/1/2026	\$33,000	\$14,334
(Consolidated Edison Company	Facilities Revenue Bonds	2001B-3	64984E CL7	11/1/2001	11/1/2001	10/1/2026	\$32,000	\$14,335
(Consolidated Edison Company	Facilties Revenue Bonds	2004B-1-1	64984E CX1	1/29/2004	1/22/2004	5/1/2032	\$36,750	\$11,040
(Consolidated Edison Company	Facilties Revenue Bonds	2004B-1-2	64984E CU7	1/29/2004	1/22/2004	5/1/2032	\$36,750	\$11,040
(Consolidated Edison Company	Facilties Revenue Bonds	2004B-1-3	64984E DC6	1/29/2004	1/22/2004	5/1/2032	\$36,750	\$11,040
(Consolidated Edison Company	Facilties Revenue Bonds	2004B-1-4	64984E CZ6	1/29/2004	1/22/2004	5/1/2032	\$16,975	\$11,040
(Consolidated Edison Company	Electric Facilities Revenue Bonds Series	1999 A-1	64984E BX 2	7/29/1999	7/22/1999	5/1/2034	\$97,600	\$144,666
(Consolidated Edison Company	Electric Facilities Revenue Bonds	1999 A-2	64984E BY 0	7/29/1999	7/22/1999	5/1/2034	\$97,600	\$144,666
(Consolidated Edison Company	Electric Facilities Revenue Bonds	1999 A-3	64984E BZ 7	7/29/1999	7/22/1999	5/1/2034	\$97,500	\$144,666
(Consolidated Edison Company	Facilties Revenue Bonds	2004B-2	64984E DA0	1/29/2004	1/22/2004	10/1/2035	\$19,750	\$11,040
(Consolidated Edison Company	Facilities Revenue Bonds	2010A	64984E DN2	11/16/2010	11/9/2010	6/1/2036	\$224,600	\$9,662
(Consolidated Edison Company	Facilties Revenue Bonds	2004A-1	64984E CY9	1/29/2004	1/22/2004	1/1/2039	\$24,600	\$3,275
(Consolidated Edison Company	Facilties Revenue Bonds	2004A-2	64984E CW3	1/29/2004	1/22/2004	1/1/2039	\$24,575	\$3,275
(Consolidated Edison Company	Facilties Revenue Bonds	2004A-3	64984E CT0	1/29/2004	1/22/2004	1/1/2039	\$24,575	\$3,275
	Consolidated Edison Company	Facilties Revenue Bonds	2004A-4	64984E DB8	1/29/2004	1/22/2004	1/1/2039	\$24,575	\$3,275
(Consolidated Edison Company	Facilities Revenue Bonds	2005 A-1	649848E DJ1	5/26/2005	5/26/2005	5/1/2039	\$42,100	\$25,671
(Consolidated Edison Company	Facilities Revenue Bonds	2005 A-2	649848E DG7	5/26/2005	5/26/2005	5/1/2039	\$42,100	\$25,671
(Consolidated Edison Company	Facilities Revenue Bonds	2005 A-3	649848E DH5	5/26/2005	5/26/2005	5/1/2039	\$42,100	\$25,671
(Consolidated Edison Company	Facilties Revenue Bonds	2004C-1	64984E DF9	11/12/2004	11/5/2004	11/1/2039	\$33,000	\$9,119
(Consolidated Edison Company	Facilties Revenue Bonds	2004C-2	64984E DE2	11/12/2004	11/5/2004	11/1/2039	\$33,000	\$9,119
(Consolidated Edison Company	Facilties Revenue Bonds	2004C-3	64984E DD4	11/12/2004	11/5/2004	11/1/2039	\$33,000	\$9,119
(Consolidated Edison Company Total							\$1,085,900	\$659,332
- 1	KeySpan Generation LLC	Adjustable Rate Pollution Control Revenue Bonds	1985 A	649845 ET 7	12/31/1985	12/31/1985	3/1/2016	\$58,020	\$35,000
- 1	KeySpan Generation LLC	Adjustable Rate Pollution Control Revenue Bonds	1985 B	649845 CX 0	12/31/1985	12/31/1985	3/1/2016	\$50,000	\$17,000
- 1	KeySpan Generation LLC	Electric Facilities Revenue Bonds	1994 A	649841 BW2	10/26/1994	10/26/1994	10/1/2024	\$2,600	\$101,850
- 1	KeySpan Generation LLC	Electric Facilities Revenue Bonds	1997 A	649841 CR 2	12/30/1997	12/30/1997	12/1/2027	\$24,880	\$22,400
- 1	KeySpan Generation LLC	Pollution Control Refunding Rev Bonds	1999A	649845 FA7	10/27/1999	10/20/1999	10/1/2028	\$41,125	\$41,827
- 1	KeySpan Generation LLC Total	-						\$176,625	\$218,077
- 1	Niagara Mohawk Power Corporation	Pollution Control Revenue Bonds	1988 A	649845 FE9	12/22/1988	12/22/1988	12/1/2023	\$69,800	\$55,900
- 1	Niagara Mohawk Power Corporation	Pollution Control Revenue Bonds	1985 B	649845 FT6	12/26/1985	12/26/1985	12/1/2025	\$37,500	\$39,375
- 1	Niagara Mohawk Power Corporation	Pollution Control Revenue Bonds	1985 C	649845 FU3	12/26/1985	12/26/1985	12/1/2025	\$37,500	\$39,375
	Niagara Mohawk Power Corporation	Pollution Control Revenue Bonds	1986 A	649845 FS8	12/18/1986	12/18/1986	12/1/2026	\$50,000	\$50,000
- 1	Niagara Mohawk Power Corporation	Pollution Control Revenue Bonds	1987 A	649845 FV1	3/26/1987	3/26/1987	3/1/2027	\$25,760	\$45,000
- 1	Niagara Mohawk Power Corporation	Pollution Control Revenue Bonds	1987 B-1	649845 FK5	7/16/1987	7/16/1987	7/1/2027	\$68,200	\$54,900
	Niagara Mohawk Power Corporation	Pollution Control Revenue Bonds	1987 B-2	649845 FM1	7/16/1987	7/16/1987	7/1/2027	\$25,000	\$20,100
- 1	Niagara Mohawk Power Corporation	Pollution Control Revenue Bonds	2004 A	649845 GA6	5/27/2004	5/19/2004	7/1/2029	\$115,705	\$126,300
	Niagara Mohawk Power Corporation Total							\$429,465	\$430,950
- 1	NYS Electric & Gas Corporation	Pollution Control Revenue Bonds	1994 E	649845 DM 3	2/16/1995	2/16/1995	12/1/2006	\$0	\$2,500
	NYS Electric & Gas Corporation	Pollution Control Revenue Bonds	2005 A	649845 GJ7	5/27/2005	5/18/2005	7/1/2026	\$65,000	\$72,386
	NYS Electric & Gas Corporation	Pollution Control Revenue Bonds	2004A	649845 GDO	8/26/2004	8/26/2004	12/1/2027	\$34,000	\$19,800
	NYS Electric & Gas Corporation	Pollution Control Revenue Bonds	2004B	649845 GE8	8/26/2004	8/26/2004	12/1/2028	\$70,000	\$38,400
	•	Adj./Fixed Rate Pollution Control Refunding Revenue						,	*,
-	NYS Electric & Gas Corporation	Bonds	1994 B	649845 DD 3	2/23/1994	2/23/1994	2/1/2029	\$37,500	\$49,324
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NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY BONDS OUTSTANDING AS OF MARCH 31, 2016

Company	Project description	Series	CUSIP	Date Closed	Date Issued	Maturity	Amount (000's)	Interest Savings
NYS Electric & Gas Corporation	Adj./Fixed Rate Pollution Control Refunding Revenue Bonds	1994 C	649845 DK 7	6/15/1994	6/15/1994	6/1/2029	\$63,500	\$83,521
ANYO Floation O Con Communities	Adj./Fixed Rate Pollution Control Refunding Revenue	4004 D	040045 DD 0	10/05/1004	10/05/1004	40/4/0000	#74.000	M404.070
NYS Electric & Gas Corporation	Bonds	1994 D	649845 DP 6	10/25/1994	10/25/1994	10/1/2029	\$74,000	\$101,676
NYS Electric & Gas Corporation	Pollution Control Revenue Bonds	2004C	649745 GF5	8/26/2004	8/26/2004	4/1/2034	\$100,000	\$78,300
NYS Electric & Gas Corporation Total							\$444,000	\$445,907
Rochester Gas & Electric Company	Pollution Control Revenue Bonds	2004A	649845 GB4	8/26/2004	8/26/2004	5/15/2032	\$10,500	\$8,700
Rochester Gas & Electric Company	Pollution Control Revenue Bonds	2004B	649845 GC2	8/26/2004	8/26/2004	5/15/2032	\$50,000	\$43,500
Rochester Gas & Electric Company	Pollution Control Revenue Bonds	1997A	649845DWI 34	8/19/1997	8/1/1997	8/1/2032	\$34,000	\$77,415
Rochester Gas & Electric Company	Pollution Control Revenue Bonds	1997B	649845DX9 34	8/19/1997	8/1/1997	8/1/2032	\$34,000	\$77,416
Rochester Gas & Electric Company	Pollution Control Revenue Bonds	1997C	649845DY733	8/19/1997	8/1/1997	8/1/2032	\$29,350	\$77,417
Rochester Gas & Electric Company Total							\$157,850	\$284,448
NYSERDA Residential Energy Efficiency Financing Revenue Bonds 2013A								
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds	2013A	64985LAC2	8/1/2013	8/1/2013	7/1/2016	\$2,105	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds	2013A	64985LAD0	8/1/2013	8/1/2013	7/1/2017	\$1,930	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds	2013A	64985LAE8	8/1/2013	8/1/2013	7/1/2018	\$1,775	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds	2013A	64985LAF5	8/1/2013	8/1/2013	7/1/2019	\$1,755	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds	2013A	6498LAG3	8/1/2013	8/1/2013	7/1/2020	\$1,800	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds	2013A	64985LAH1	8/1/2013	8/1/2013	7/1/2021	\$1,780	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds	2013A	64985LAJ7	8/1/2013	8/1/2013	7/1/2022	\$1,590	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds	2013A	64985LAK4	8/1/2013	8/1/2013	7/1/2023	\$1,445	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds	2013A	64985LAK4	8/1/2013	8/1/2013	7/1/2024	\$1,385	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds		64985LAK4	8/1/2013	8/1/2013	7/1/2025	\$1,350	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds		64985LAK4	8/1/2013	8/1/2013	7/1/2026	\$1,375	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds		64985LAK4	8/1/2013	8/1/2013	7/1/2027	\$1,075	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds	2013A	64985LAK4	8/1/2013	8/1/2013	7/1/2028	\$660	\$0
NYS Energy Res. & Development Auth. Total							\$20,025	\$0
NYSERDA Green Jobs Green New York Bond Series 2015A								
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds	2015A	not applicable	8/6/2015	8/20/2015	7/1/2016	\$2,420	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds	2015A	not applicable	8/6/2015	8/20/2015	7/1/2017	\$3,385	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds		not applicable	8/6/2015	8/20/2015	7/1/2018	\$3,408	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds		not applicable	8/6/2015	8/20/2015	7/1/2019	\$3,410	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds		not applicable	8/6/2015	8/20/2015	7/1/2020	\$3,305	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds		not applicable	8/6/2015	8/20/2015	7/1/2021	\$3,120	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds		not applicable	8/6/2015	8/20/2015	7/1/2022	\$3,100	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds		not applicable	8/6/2015	8/20/2015	7/1/2023	\$3,160	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds		not applicable	8/6/2015	8/20/2015	7/1/2024	\$3,200	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds		not applicable	8/6/2015	8/20/2015	7/1/2025	\$3,200	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds		not applicable	8/6/2015	8/20/2015	7/1/2026	\$3,155	\$0
NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds Residential Energy Efficiency Financing Revenue Bonds		not applicable	8/6/2015	8/20/2015 8/20/2015	7/1/2027 7/1/2028	\$3,180 \$3,250	\$0 \$0
NYS Energy Res. & Development Auth. NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds Residential Energy Efficiency Financing Revenue Bonds		not applicable not applicable	8/6/2015 8/6/2015	8/20/2015	7/1/2028	\$3,250 \$3,040	\$0 \$0
NYS Energy Res. & Development Auth. NYS Energy Res. & Development Auth.	Residential Energy Efficiency Financing Revenue Bonds		not applicable	8/6/2015	8/20/2015	7/1/2029	\$2,025	\$0 \$0
NYS Energy Res. & Development Auth. Total	riesidential Energy Emolency i manoing nevertice bonds	2013/4	пот аррпсавте	0/0/2013	0/20/2013	77172000	\$46,358	\$0
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NYSERDA Green Jobs Residential Solar Level Revenue Bonds Series 2015								
NYS Energy Res. & Development Auth.	Residential Solar Loan Revenue Bonds	2015	not applicable	10/23/2015		6/1/2025	\$13,737	\$0
NYS Energy Res. & Development Auth.	Residential Solar Loan Revenue Bonds	2015	not applicable		10/23/2015	6/1/2019	\$3,154	\$0
NYS Energy Res. & Development Auth.	Residential Solar Loan Revenue Bonds	2015	not applicable	2/10/2016	2/10/2016	6/1/2026	\$6,390	\$0
NYS Energy Res. & Development Auth.	Residential Solar Loan Revenue Bonds	2015	not applicable	2/10/2016	2/10/2016	6/1/2023	\$1,597	\$0 \$0
NYS Energy Res. & Development Auth. Total							\$24,878	\$0
Grand Total							\$3,059,301	\$2,721,567