

MEMORANDUM

Date: February 5, 2020

To: Clerk of the House
Secretary of the Senate
Governor's Office of Management and Budget
Commission on Government Forecasting and Accountability

From: Larita Clark, Chief Executive Officer 

Subject: Disclosure Filing for MPEA Series 2019A Expansion Project Refunding Bonds (Taxable)

The Metropolitan Pier and Exposition Authority issued its Series 2019A Expansion Project Refunding Bonds (Taxable) on December 10, 2019. In compliance with Section 10.2 of the MPEA Act, attached are:

- A listing of all Cost of Issuance expenditures
- The interest and principal on aggregate outstanding MPEA Expansion Project Bonds broken down into the new Series 2019A debt service and the unrefunded prior Expansion Project Bonds debt service
- The interest and principal on aggregate outstanding MPEA Project Revenue Bonds

This information will also be posted on the MPEA website. Copies of the Cost of Issuance contracts will be filed with the Commission on Government Forecasting and Accountability.

Please let me know if you require any additional information.



Metropolitan Pier and Exposition Authority Expansion Project Bonds



McCORMICK
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MPEA 2019A Expansion Project Bond Deal

Final Costs of Issuance

Par Amount \$55,948,926.10

	<u>Series 2019A</u>		<u>Memo:</u>		
			<u>MBE/WBE</u>	<u>Discretionary</u>	
			<u>Amounts</u>	<u>Amounts</u>	
Goldman, Sachs & Co.	\$55,948.93	100.00%	\$0.00	\$55,948.93	
Total Takedown	\$55,948.93	100.00%	\$0.00	\$55,948.93	0.0%
Chapman and Cutler LLP (Underwriter's Counsel)	\$25,000.00		\$0.00	\$0.00	
DTC	800.00		0.00	0.00	
CUSIP Fee	434.00		0.00	0.00	
Total Underwriter's fees	\$82,182.93		\$0.00	\$55,948.93	0.0%
Katten Muchin Rosenmann (Bond Counsel)	\$42,380.00		\$0.00	\$42,380.00	
Burke Burns & Pinelli (Issuer's Counsel)	32,500.00	WBE	32,500.00	32,500.00	
Charity & Associates (Disclosure Counsel)	30,000.00	MBE	30,000.00	30,000.00	
PFM Financial (Financial Advisor)	71,250.00		0.00	71,250.00	
Amalgamated Bank (Trustee)	6,400.00		0.00	6,400.00	
Zions Bank (Escrow Trustee)	300.00		0.00	300.00	
Image Master (Print/Roadshow)	0.00		0.00	0.00	
Samuel Klein and Company (Verification Agent)	1,100.00		0.00	1,100.00	
MPEA Misc Expenses	7,499.57		0.00	0.00	
Total Cost Of Issuance	<u>\$273,612.50</u>		<u>\$62,500.00</u>	<u>\$239,878.93</u>	26.05%
Costs of Issuance less Underwriter's fees			MBE	\$30,000.00	12.51%
			WBE	\$32,500.00	13.55%

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MPEA 2019A Expansion Project Bond Deal
Total Expansion Project Bonds Debt Service
(After Series 2019A Expansion Project Bond Issuance)

Maturity Schedule as of

12/10/2019

Principal Interest Payment Date	Principal to be Redeemed	Interest Due	Compounded Interest	Capitalized Interest	Debt Service	Annual Debt Service
12/15/2019	1,374,430.75	58,930,863.75	2,395,569.25	0.00	62,700,863.75	
6/15/2020	13,920,132.45	59,450,183.02	54,574,867.55	0.00	127,945,183.02	190,646,046.77
12/15/2020	68,846,968.60	59,349,470.00	12,833,031.40	0.00	141,029,470.00	
6/15/2021	8,883,792.40	57,851,226.25	38,106,207.60	0.00	104,841,226.25	245,870,696.25
12/15/2021	13,457,848.00	57,800,213.75	39,427,152.00	0.00	110,685,213.75	
6/15/2022	34,882,148.70	57,737,888.75	56,642,851.30	0.00	149,262,888.75	259,948,102.50
12/15/2022	68,881,020.00	55,869,205.00	40,068,980.00	0.00	164,819,205.00	
6/15/2023	33,832,993.10	54,619,430.00	21,677,006.90	0.00	110,129,430.00	274,948,635.00
12/15/2023	19,319,366.60	53,777,900.00	97,320,633.40	0.00	170,417,900.00	
6/15/2024	20,632,146.50	53,648,787.50	30,177,853.50	0.00	104,458,787.50	274,876,687.50
12/15/2024	17,916,601.25	52,803,082.50	92,468,398.75	0.00	163,188,082.50	
6/15/2025	24,303,549.20	52,666,682.50	34,711,450.80	0.00	111,681,682.50	274,869,765.00
12/15/2025	15,976,948.80	52,405,187.50	60,588,051.20	0.00	128,970,187.50	
6/15/2026	46,047,485.40	52,078,075.00	51,852,514.60	0.00	149,978,075.00	278,948,262.50
12/15/2026	72,672,174.20	50,868,587.50	39,562,825.80	0.00	163,103,587.50	
6/15/2027	36,434,934.10	49,081,112.50	43,330,065.90	0.00	128,846,112.50	291,949,700.00
12/15/2027	112,990,239.90	48,730,075.00	364,760.10	0.00	162,085,075.00	
6/15/2028	15,902,687.30	45,871,975.00	83,087,312.70	0.00	144,861,975.00	306,947,050.00
12/15/2028	134,332,466.20	45,707,112.50	377,533.80	0.00	180,417,112.50	
6/15/2029	15,495,321.30	42,313,987.50	83,719,678.70	0.00	141,528,987.50	321,946,100.00
12/15/2029	6,595,539.05	42,142,937.50	155,099,460.95	0.00	203,837,937.50	
6/15/2030	4,467,207.40	42,142,937.50	87,497,792.60	0.00	134,107,937.50	337,945,875.00
12/15/2030	12,504,528.50	42,098,412.50	155,825,471.50	0.00	210,428,412.50	
6/15/2031	4,758,409.30	41,932,537.50	92,826,590.70	0.00	139,517,537.50	349,945,950.00
12/15/2031	9,725,598.55	43,295,001.25	156,659,401.45	0.00	209,680,001.25	
6/15/2032	4,060,480.00	43,172,763.75	93,034,520.00	0.00	140,267,763.75	349,947,765.00
12/15/2032	9,305,576.65	43,130,738.75	157,219,423.35	0.00	209,655,738.75	
6/15/2033	3,889,221.20	43,005,413.75	93,395,778.80	0.00	140,290,413.75	349,946,152.50
12/15/2033	8,961,716.95	42,957,588.75	157,723,283.05	0.00	209,642,588.75	
6/15/2034	3,752,905.30	42,828,451.25	93,722,094.70	0.00	140,303,451.25	349,946,040.00
12/15/2034	8,688,510.75	42,774,788.75	158,166,489.25	0.00	209,629,788.75	
6/15/2035	3,655,790.90	42,641,738.75	94,019,209.10	0.00	140,316,738.75	349,946,527.50
12/15/2035	6,920,940.45	42,581,951.25	160,104,059.55	0.00	209,606,951.25	
6/15/2036	3,599,544.90	42,449,833.75	94,290,455.10	0.00	140,339,833.75	349,946,785.00
12/15/2036	6,968,356.60	42,383,471.25	160,646,643.40	0.00	209,998,471.25	
6/15/2037	3,288,883.70	42,234,076.25	94,426,116.30	0.00	139,949,076.25	349,947,547.50
12/15/2037	6,997,288.35	42,173,813.75	161,127,711.65	0.00	210,298,813.75	
6/15/2038	3,072,307.60	42,009,741.25	94,567,692.40	0.00	139,649,741.25	349,948,555.00
12/15/2038	6,878,956.45	41,952,366.25	161,556,043.55	0.00	210,387,366.25	
6/15/2039	3,035,753.40	41,777,427.50	94,749,246.60	0.00	139,562,427.50	349,949,793.75
12/15/2039	6,563,233.65	41,715,827.50	161,811,766.35	0.00	210,090,827.50	
6/15/2040	2,675,300.00	41,544,852.50	94,779,700.00	0.00	138,999,852.50	349,090,680.00
12/15/2040	5,842,839.35	41,494,465.00	161,867,160.65	0.00	209,204,465.00	
6/15/2041	14,792,558.00	41,347,236.25	81,897,298.60	0.00	138,037,092.85	347,241,557.85
12/15/2041	123,051,135.40	41,323,861.25	34,863,864.60	0.00	199,238,861.25	
6/15/2042	109,365,000.00	38,638,262.50	0.00	0.00	148,003,262.50	347,242,123.75
12/15/2042	5,488,967.50	36,132,231.25	2,206,032.50	0.00	43,827,231.25	
6/15/2043	36,068,329.50	35,943,325.00	231,401,670.50	0.00	303,413,325.00	347,240,556.25
12/15/2043	5,733,537.60	35,943,325.00	2,351,462.40	0.00	44,028,325.00	
6/15/2044	33,701,220.00	35,742,415.00	233,768,780.00	0.00	303,212,415.00	347,240,740.00
12/15/2044	6,032,577.60	35,742,415.00	2,472,422.40	0.00	44,247,415.00	
6/15/2045	31,689,253.20	35,531,067.50	235,775,746.80	0.00	302,996,067.50	347,243,482.50
12/15/2045	6,334,198.40	35,531,067.50	2,595,801.60	0.00	44,461,067.50	
6/15/2046	29,798,832.70	35,309,158.75	237,671,167.30	0.00	302,779,158.75	347,240,226.25
12/15/2046	33,946,142.40	35,309,158.75	2,728,857.60	0.00	71,984,158.75	
6/15/2047	49,661,212.20	34,379,687.50	191,218,787.80	0.00	275,259,687.50	347,243,846.25
12/15/2047	143,868,248.00	33,683,556.25	2,866,752.00	0.00	180,418,556.25	
6/15/2048	136,865,000.00	29,959,515.00	0.00	0.00	166,824,515.00	347,243,071.25
12/15/2048	148,060,000.00	26,480,748.75	0.00	0.00	174,540,748.75	
6/15/2049	145,094,595.30	22,719,350.00	4,883,964.00	0.00	172,697,909.30	347,238,658.05
12/15/2049	141,756,263.55	19,061,707.50	43,898,910.30	0.00	204,716,881.35	
6/15/2050	126,960,000.00	15,559,148.75	0.00	0.00	142,519,148.75	347,236,030.10
12/15/2050	25,645,714.30	12,168,750.00	170,938,578.30	0.00	208,753,042.60	
6/15/2051	15,218,139.35	12,088,875.00	111,183,089.55	0.00	138,490,103.90	347,243,146.50
12/15/2051	46,433,118.25	12,055,125.00	150,258,121.25	0.00	208,746,364.50	
6/15/2052	127,140,000.00	11,354,250.00	0.00	0.00	138,494,250.00	347,240,614.50
12/15/2052	24,777,137.70	8,175,750.00	176,794,160.50	0.00	209,747,048.20	
6/15/2053	129,335,000.00	8,158,500.00	0.00	0.00	137,493,500.00	347,240,548.20
12/15/2053	32,548,480.65	4,750,125.00	177,986,684.50	0.00	215,285,290.15	
6/15/2054	36,149,432.00	4,750,125.00	91,058,660.00	0.00	131,958,217.00	347,243,507.15

MPEA 2019A Expansion Project Bond Deal
Total Expansion Project Bonds Debt Service
(After Series 2019A Expansion Project Bond Issuance)

Maturity Schedule as of

12/10/2019

Principal Interest Payment Date	Principal to be Redeemed	Interest Due	Compounded Interest	Capitalized Interest	Debt Service	Annual Debt Service
12/15/2054	30,978,571.50	4,250,125.00	180,062,062.00	0.00	215,290,758.50	
6/15/2055	35,404,535.30	4,250,125.00	92,299,160.80	0.00	131,953,821.10	347,244,579.60
12/15/2055	42,944,037.05	3,750,125.00	141,683,286.60	0.00	188,377,448.65	
6/15/2056	26,618,429.75	3,250,125.00	128,994,700.00	0.00	158,863,254.75	347,240,703.40
12/15/2056	36,621,670.25	3,250,125.00	175,418,329.75	0.00	215,290,125.00	
6/15/2057	128,740,000.00	3,218,500.00	0.00	0.00	131,958,500.00	347,248,625.00
12/15/2057	0.00	0.00	0.00	0.00	0.00	
6/15/2058	0.00	0.00	0.00	0.00	0.00	0.00
12/15/2058	0.00	0.00	0.00	0.00	0.00	
6/15/2059	0.00	0.00	0.00	0.00	0.00	0.00
12/15/2059	0.00	0.00	0.00	0.00	0.00	
6/15/2060	0.00	0.00	0.00	0.00	0.00	0.00
Totals	<u>2,979,133,481.20</u>	<u>2,755,810,044.27</u>	<u>6,725,681,207.90</u>	<u>0.00</u>	<u>12,460,624,733.37</u>	<u>12,460,624,733.37</u>

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MPEA 2019A Expansion Project Bond Deal
Bond Interest and Redemption Schedule
Series 2019A Expansion Project Bonds

Maturity Schedule as of 12/10/2019

Principal Interest Payment Date	Coupon Rate %	Principal to be Redeemed	Interest Due	Compounded Interest	Capitalized Interest	Debt Service
12/15/2019						0.00
6/15/2020			531,431.77	0.00	0.00	531,431.77
12/15/2020	2.75%	11,705,000.00	517,068.75	0.00	0.00	12,222,068.75
6/15/2021			356,125.00	0.00	0.00	356,125.00
12/15/2021	2.75%	620,000.00	356,125.00	0.00	0.00	976,125.00
6/15/2022			347,600.00	0.00	0.00	347,600.00
12/15/2022	2.75%	19,680,000.00	347,600.00	0.00	0.00	20,027,600.00
6/15/2023	2.75%	5,600,000.00	77,000.00	0.00	0.00	5,677,000.00
12/15/2023			0.00	0.00	0.00	0.00
6/15/2024			0.00	0.00	0.00	0.00
12/15/2024			0.00	0.00	0.00	0.00
6/15/2025			0.00	0.00	0.00	0.00
12/15/2025	6.50%	945,304.80	832,487.50	374,695.20	0.00	2,152,487.50
6/15/2026			789,587.50		0.00	789,587.50
12/15/2026	6.50%	837,883.80	789,587.50	332,116.20	0.00	1,959,587.50
6/15/2027			751,562.50		0.00	751,562.50
12/15/2027	6.50%	920,239.90	751,562.50	364,760.10	0.00	2,036,562.50
6/15/2028			709,800.00		0.00	709,800.00
12/15/2028	6.50%	952,466.20	709,800.00	377,533.80	0.00	2,039,800.00
6/15/2029			666,575.00		0.00	666,575.00
12/15/2029			666,575.00		0.00	666,575.00
6/15/2030	6.50%	981,111.80	666,575.00	388,888.20	0.00	2,036,575.00
12/15/2030			622,050.00		0.00	622,050.00
6/15/2031	6.50%	1,041,983.70	622,050.00	413,016.30	0.00	2,077,050.00
12/15/2031	6.50%	476,233.10	574,762.50	188,766.90	0.00	1,239,762.50
6/15/2032	6.50%	658,848.80	553,150.00	261,151.20	0.00	1,473,150.00
12/15/2032	6.50%	436,845.40	523,250.00	173,154.60	0.00	1,133,250.00
6/15/2033	6.50%	759,108.40	503,425.00	300,891.60	0.00	1,563,425.00
12/15/2033	6.50%	418,941.90	468,975.00	166,058.10	0.00	1,053,975.00
6/15/2034	6.50%	862,948.70	449,962.50	342,051.30	0.00	1,654,962.50
12/15/2034	6.50%	386,715.60	410,800.00	153,284.40	0.00	950,800.00
6/15/2035	6.50%	970,369.70	393,250.00	384,630.30	0.00	1,748,250.00
12/15/2035	6.50%	365,231.40	349,212.50	144,768.60	0.00	859,212.50
6/15/2036	6.50%	1,084,952.10	332,637.50	430,047.90	0.00	1,847,637.50
12/15/2036	6.50%	630,203.20	283,400.00	249,796.80	0.00	1,163,400.00
6/15/2037	6.50%	920,239.90	254,800.00	364,760.10	0.00	1,539,800.00
12/15/2037	6.50%	837,883.80	213,037.50	332,116.20	0.00	1,383,037.50
6/15/2038	6.50%	823,561.00	175,012.50	326,439.00	0.00	1,325,012.50
12/15/2038	6.50%	888,013.60	137,637.50	351,986.40	0.00	1,377,637.50
6/15/2039	6.50%	880,852.20	97,337.50	349,147.80	0.00	1,327,337.50
12/15/2039	6.50%	666,010.20	57,362.50	263,989.80	0.00	987,362.50
6/15/2040	6.50%	597,976.90	27,137.50	237,023.10	0.00	862,137.50
Totals		<u>55,948,926.10</u>	<u>16,916,313.02</u>	<u>7,271,073.90</u>	<u>0.00</u>	<u>80,136,313.02</u>

MPEA 2019A Expansion Project Bond Deal
Unrefunded Prior Expansion Project Bonds Debt Service
(After Series 2019A Expansion Project Bond Issuance)

Maturity Schedule as of

12/10/2019

Principal Interest Payment Date	Principal to be Redeemed	Interest Due	Compounded Interest	Capitalized Interest	Debt Service	Annual Debt Service
12/15/2019	1,374,430.75	58,930,863.75	2,395,569.25	0.00	62,700,863.75	
6/15/2020	13,920,132.45	58,918,751.25	54,574,867.55	0.00	127,413,751.25	190,114,615.00
12/15/2020	57,141,968.60	58,832,401.25	12,833,031.40	0.00	128,807,401.25	
6/15/2021	8,883,792.40	57,495,101.25	38,106,207.60	0.00	104,485,101.25	233,292,502.50
12/15/2021	12,837,848.00	57,444,088.75	39,427,152.00	0.00	109,709,088.75	
6/15/2022	34,882,148.70	57,390,288.75	56,642,851.30	0.00	148,915,288.75	258,624,377.50
12/15/2022	49,201,020.00	55,521,605.00	40,068,980.00	0.00	144,791,605.00	
6/15/2023	28,232,993.10	54,542,430.00	21,677,006.90	0.00	104,452,430.00	249,244,035.00
12/15/2023	19,319,366.60	53,777,900.00	97,320,633.40	0.00	170,417,900.00	
6/15/2024	20,632,146.50	53,648,787.50	30,177,853.50	0.00	104,458,787.50	274,876,687.50
12/15/2024	17,916,601.25	52,803,082.50	92,468,398.75	0.00	163,188,082.50	
6/15/2025	24,303,549.20	52,666,682.50	34,711,450.80	0.00	111,681,682.50	274,869,765.00
12/15/2025	15,031,644.00	51,572,700.00	60,213,356.00	0.00	126,817,700.00	
6/15/2026	46,047,485.40	51,288,487.50	51,852,514.60	0.00	149,188,487.50	276,006,187.50
12/15/2026	71,834,290.40	50,079,000.00	39,230,709.60	0.00	161,144,000.00	
6/15/2027	36,434,934.10	48,329,550.00	43,330,065.90	0.00	128,094,550.00	289,238,550.00
12/15/2027	112,070,000.00	47,978,512.50	0.00	0.00	160,048,512.50	
6/15/2028	15,902,687.30	45,162,175.00	83,087,312.70	0.00	144,152,175.00	304,200,687.50
12/15/2028	133,380,000.00	44,997,312.50	0.00	0.00	178,377,312.50	
6/15/2029	15,495,321.30	41,647,412.50	83,719,678.70	0.00	140,862,412.50	319,239,725.00
12/15/2029	6,595,539.05	41,476,362.50	155,099,460.95	0.00	203,171,362.50	
6/15/2030	3,486,095.60	41,476,362.50	87,108,904.40	0.00	132,071,362.50	335,242,725.00
12/15/2030	12,504,528.50	41,476,362.50	155,825,471.50	0.00	209,806,362.50	
6/15/2031	3,716,425.60	41,310,487.50	92,413,574.40	0.00	137,440,487.50	347,246,850.00
12/15/2031	9,249,365.45	42,720,238.75	156,470,634.55	0.00	208,440,238.75	
6/15/2032	3,401,631.20	42,619,613.75	92,773,368.80	0.00	138,794,613.75	347,234,852.50
12/15/2032	8,868,731.25	42,607,488.75	157,046,268.75	0.00	208,522,488.75	
6/15/2033	3,130,112.80	42,501,988.75	93,094,887.20	0.00	138,726,988.75	347,249,477.50
12/15/2033	8,542,775.05	42,488,613.75	157,557,224.95	0.00	208,588,613.75	
6/15/2034	2,889,956.60	42,378,488.75	93,380,043.40	0.00	138,648,488.75	347,237,102.50
12/15/2034	8,301,795.15	42,363,988.75	158,013,204.85	0.00	208,678,988.75	
6/15/2035	2,685,421.20	42,248,488.75	93,634,578.80	0.00	138,568,488.75	347,247,477.50
12/15/2035	6,555,709.05	42,232,738.75	159,959,290.95	0.00	208,747,738.75	
6/15/2036	2,514,592.80	42,117,196.25	93,860,407.20	0.00	138,492,196.25	347,239,935.00
12/15/2036	6,338,153.40	42,100,071.25	160,396,846.60	0.00	208,835,071.25	
6/15/2037	2,368,643.80	41,979,276.25	94,061,356.20	0.00	138,409,276.25	347,244,347.50
12/15/2037	6,159,404.55	41,960,776.25	160,795,595.45	0.00	208,915,776.25	
6/15/2038	2,248,746.60	41,834,728.75	94,241,253.40	0.00	138,324,728.75	347,240,505.00
12/15/2038	5,990,942.85	41,814,728.75	161,204,057.15	0.00	209,009,728.75	
6/15/2039	2,154,901.20	41,680,090.00	94,400,098.80	0.00	138,235,090.00	347,244,818.75
12/15/2039	5,897,223.45	41,658,465.00	161,547,776.55	0.00	209,103,465.00	
6/15/2040	2,077,323.10	41,517,715.00	94,542,676.90	0.00	138,137,715.00	347,241,180.00
12/15/2040	5,842,839.35	41,494,465.00	161,867,160.65	0.00	209,204,465.00	
6/15/2041	14,792,558.00	41,347,236.25	81,897,298.60	0.00	138,037,092.85	347,241,557.85
12/15/2041	123,051,135.40	41,323,861.25	34,863,864.60	0.00	199,238,861.25	
6/15/2042	109,365,000.00	38,638,262.50	0.00	0.00	148,003,262.50	347,242,123.75
12/15/2042	5,488,967.50	36,132,231.25	2,206,032.50	0.00	43,827,231.25	
6/15/2043	36,068,329.50	35,943,325.00	231,401,670.50	0.00	303,413,325.00	347,240,556.25
12/15/2043	5,733,537.60	35,943,325.00	2,351,462.40	0.00	44,028,325.00	
6/15/2044	33,701,220.00	35,742,415.00	233,768,780.00	0.00	303,212,415.00	347,240,740.00
12/15/2044	6,032,577.60	35,742,415.00	2,472,422.40	0.00	44,247,415.00	
6/15/2045	31,689,253.20	35,531,067.50	235,775,746.80	0.00	302,996,067.50	347,243,482.50
12/15/2045	6,334,198.40	35,531,067.50	2,595,801.60	0.00	44,461,067.50	
6/15/2046	29,798,832.70	35,309,158.75	237,671,167.30	0.00	302,779,158.75	347,240,226.25
12/15/2046	33,946,142.40	35,309,158.75	2,728,857.60	0.00	71,984,158.75	
6/15/2047	49,661,212.20	34,379,687.50	191,218,787.80	0.00	275,259,687.50	347,243,846.25
12/15/2047	143,868,248.00	33,683,556.25	2,866,752.00	0.00	180,418,556.25	
6/15/2048	136,865,000.00	29,959,515.00	0.00	0.00	166,824,515.00	347,243,071.25
12/15/2048	148,060,000.00	26,480,748.75	0.00	0.00	174,540,748.75	
6/15/2049	145,094,595.30	22,719,350.00	4,883,964.00	0.00	172,697,909.30	347,238,658.05
12/15/2049	141,756,263.55	19,061,707.50	43,898,910.30	0.00	204,716,881.35	
6/15/2050	126,960,000.00	15,559,148.75	0.00	0.00	142,519,148.75	347,236,030.10
12/15/2050	25,645,714.30	12,168,750.00	170,938,578.30	0.00	208,753,042.60	
6/15/2051	15,218,139.35	12,088,875.00	111,183,089.55	0.00	138,490,103.90	347,243,146.50
12/15/2051	46,433,118.25	12,055,125.00	150,258,121.25	0.00	208,746,364.50	

MPEA 2019A Expansion Project Bond Deal
Unrefunded Prior Expansion Project Bonds Debt Service
(After Series 2019A Expansion Project Bond Issuance)

Maturity Schedule as of

12/10/2019

Principal Interest Payment Date	Principal to be Redeemed	Interest Due	Compounded Interest	Capitalized Interest	Debt Service	Annual Debt Service
6/15/2052	127,140,000.00	11,354,250.00	0.00	0.00	138,494,250.00	347,240,614.50
12/15/2052	24,777,137.70	8,175,750.00	176,794,160.50	0.00	209,747,048.20	
6/15/2053	129,335,000.00	8,158,500.00	0.00	0.00	137,493,500.00	347,240,548.20
12/15/2053	32,548,480.65	4,750,125.00	177,986,684.50	0.00	215,285,290.15	
6/15/2054	36,149,432.00	4,750,125.00	91,058,660.00	0.00	131,958,217.00	347,243,507.15
12/15/2054	30,978,571.50	4,250,125.00	180,062,062.00	0.00	215,290,758.50	
6/15/2055	35,404,535.30	4,250,125.00	92,299,160.80	0.00	131,953,821.10	347,244,579.60
12/15/2055	42,944,037.05	3,750,125.00	141,683,286.60	0.00	188,377,448.65	
6/15/2056	26,618,429.75	3,250,125.00	128,994,700.00	0.00	158,863,254.75	347,240,703.40
12/15/2056	36,621,670.25	3,250,125.00	175,418,329.75	0.00	215,290,125.00	
6/15/2057	128,740,000.00	3,218,500.00	0.00	0.00	131,958,500.00	347,248,625.00
12/15/2057	0.00	0.00	0.00	0.00	0.00	
6/15/2058	0.00	0.00	0.00	0.00	0.00	0.00
12/15/2058	0.00	0.00	0.00	0.00	0.00	
6/15/2059	0.00	0.00	0.00	0.00	0.00	0.00
12/15/2059	0.00	0.00	0.00	0.00	0.00	
6/15/2060	0.00	0.00	0.00	0.00	0.00	0.00
Totals	<u>2,923,184,555.10</u>	<u>2,738,893,731.25</u>	<u>6,718,410,134.00</u>	<u>0.00</u>	<u>12,380,488,420.35</u>	<u>12,380,488,420.35</u>

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Metropolitan Pier and Exposition Authority Project Revenue Bonds



McCORMICK
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**Bond Interest and Redemption Schedule
Series 2019A Project Revenue Bonds**

Maturity Schedule : 12/10/2019

Principal Interest Payment Dates	Coupon Rate %	Principal to be Redeemed	Interest Due	Compounded Interest	Capitalized Interest	Debt Service
12/15/2019		0.00	958,375.00	0.00	-958,375.00	0.00
6/15/2020		0.00	958,375.00	0.00	-958,375.00	0.00
12/15/2020		0.00	958,375.00	0.00	-958,375.00	0.00
6/15/2021		0.00	958,375.00	0.00	-958,375.00	0.00
12/15/2021		0.00	958,375.00	0.00	0.00	958,375.00
6/15/2022	5.000%	530,000.00	958,375.00	0.00	0.00	1,488,375.00
12/15/2022		0.00	945,125.00	0.00	0.00	945,125.00
6/15/2023	5.000%	630,000.00	945,125.00	0.00	0.00	1,575,125.00
12/15/2023		0.00	929,375.00	0.00	0.00	929,375.00
6/15/2024	5.000%	735,000.00	929,375.00	0.00	0.00	1,664,375.00
12/15/2024		0.00	911,000.00	0.00	0.00	911,000.00
6/15/2025	5.000%	850,000.00	911,000.00	0.00	0.00	1,761,000.00
12/15/2025		0.00	889,750.00	0.00	0.00	889,750.00
6/15/2026	5.000%	975,000.00	889,750.00	0.00	0.00	1,864,750.00
12/15/2026		0.00	865,375.00	0.00	0.00	865,375.00
6/15/2027	5.000%	1,105,000.00	865,375.00	0.00	0.00	1,970,375.00
12/15/2027		0.00	837,750.00	0.00	0.00	837,750.00
6/15/2028	5.000%	1,245,000.00	837,750.00	0.00	0.00	2,082,750.00
12/15/2028		0.00	806,625.00	0.00	0.00	806,625.00
6/15/2029	5.000%	1,395,000.00	806,625.00	0.00	0.00	2,201,625.00
12/15/2029		0.00	771,750.00	0.00	0.00	771,750.00
6/15/2030	5.250%	1,555,000.00	771,750.00	0.00	0.00	2,326,750.00
12/15/2030		0.00	730,931.25	0.00	0.00	730,931.25
6/15/2031	5.250%	1,730,000.00	730,931.25	0.00	0.00	2,460,931.25
12/15/2031		0.00	685,518.75	0.00	0.00	685,518.75
6/15/2032	5.250%	1,915,000.00	685,518.75	0.00	0.00	2,600,518.75
12/15/2032		0.00	635,250.00	0.00	0.00	635,250.00
6/15/2033	5.250%	2,115,000.00	635,250.00	0.00	0.00	2,750,250.00
12/15/2033		0.00	579,731.25	0.00	0.00	579,731.25
6/15/2034	5.250%	2,330,000.00	579,731.25	0.00	0.00	2,909,731.25
12/15/2034		0.00	518,568.75	0.00	0.00	518,568.75
6/15/2035	5.250%	2,555,000.00	518,568.75	0.00	0.00	3,073,568.75
12/15/2035		0.00	451,500.00	0.00	0.00	451,500.00
6/15/2036	5.250%	2,795,000.00	451,500.00	0.00	0.00	3,246,500.00
12/15/2036		0.00	378,131.25	0.00	0.00	378,131.25
6/15/2037	5.250%	3,055,000.00	378,131.25	0.00	0.00	3,433,131.25
12/15/2037		0.00	297,937.50	0.00	0.00	297,937.50
6/15/2038	5.250%	3,330,000.00	297,937.50	0.00	0.00	3,627,937.50
12/15/2038		0.00	210,525.00	0.00	0.00	210,525.00
6/15/2039	5.250%	3,620,000.00	210,525.00	0.00	0.00	3,830,525.00
12/15/2039		0.00	115,500.00	0.00	0.00	115,500.00
6/15/2040	5.250%	3,935,000.00	115,500.00	0.00	0.00	4,050,500.00
12/15/2040		0.00	12,206.25	0.00	0.00	12,206.25
6/15/2041	5.250%	465,000.00	12,206.25	0.00	0.00	477,206.25
Totals		36,865,000.00	28,895,350.00	0.00	-3,833,500.00	61,926,850.00

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Total MPEA Project Revenue Bond Debt Service
(After Issuance of Series 2019A Project Revenue Bonds)

Maturity Schedule as of

12/10/2019

Principal Interest Payment Dates	Principal to be Redeemed	Interest Due	Compounded Interest	Capitalized Interest	Debt Service	Annual Debt Service
12/15/2019	0.00	0.00	0.00	0.00	0.00	
6/15/2020	0.00	1,916,750.00	0.00	-1,916,750.00	0.00	0.00
12/15/2020	0.00	0.00	0.00	0.00	0.00	
6/15/2021	0.00	1,916,750.00	0.00	-1,916,750.00	0.00	0.00
12/15/2021	0.00	0.00	0.00	0.00	0.00	
6/15/2022	530,000.00	1,916,750.00	0.00	0.00	2,446,750.00	2,446,750.00
12/15/2022	0.00	0.00	0.00	0.00	0.00	
6/15/2023	630,000.00	1,890,250.00	0.00	0.00	2,520,250.00	2,520,250.00
12/15/2023	0.00	0.00	0.00	0.00	0.00	
6/15/2024	735,000.00	1,858,750.00	0.00	0.00	2,593,750.00	2,593,750.00
12/15/2024	0.00	0.00	0.00	0.00	0.00	
6/15/2025	850,000.00	1,822,000.00	0.00	0.00	2,672,000.00	2,672,000.00
12/15/2025	0.00	0.00	0.00	0.00	0.00	
6/15/2026	975,000.00	1,779,500.00	0.00	0.00	2,754,500.00	2,754,500.00
12/15/2026	0.00	0.00	0.00	0.00	0.00	
6/15/2027	1,105,000.00	1,730,750.00	0.00	0.00	2,835,750.00	2,835,750.00
12/15/2027	0.00	0.00	0.00	0.00	0.00	
6/15/2028	1,245,000.00	1,675,500.00	0.00	0.00	2,920,500.00	2,920,500.00
12/15/2028	0.00	0.00	0.00	0.00	0.00	
6/15/2029	1,395,000.00	1,613,250.00	0.00	0.00	3,008,250.00	3,008,250.00
12/15/2029	0.00	0.00	0.00	0.00	0.00	
6/15/2030	1,555,000.00	1,543,500.00	0.00	0.00	3,098,500.00	3,098,500.00
12/15/2030	0.00	0.00	0.00	0.00	0.00	
6/15/2031	1,730,000.00	1,461,862.50	0.00	0.00	3,191,862.50	3,191,862.50
12/15/2031	0.00	0.00	0.00	0.00	0.00	
6/15/2032	1,915,000.00	1,371,037.50	0.00	0.00	3,286,037.50	3,286,037.50
12/15/2032	0.00	0.00	0.00	0.00	0.00	
6/15/2033	2,115,000.00	1,270,500.00	0.00	0.00	3,385,500.00	3,385,500.00
12/15/2033	0.00	0.00	0.00	0.00	0.00	
6/15/2034	2,330,000.00	1,159,462.50	0.00	0.00	3,489,462.50	3,489,462.50
12/15/2034	0.00	0.00	0.00	0.00	0.00	
6/15/2035	2,555,000.00	1,037,137.50	0.00	0.00	3,592,137.50	3,592,137.50
12/15/2035	0.00	0.00	0.00	0.00	0.00	
6/15/2036	2,795,000.00	903,000.00	0.00	0.00	3,698,000.00	3,698,000.00
12/15/2036	0.00	0.00	0.00	0.00	0.00	
6/15/2037	3,055,000.00	756,262.50	0.00	0.00	3,811,262.50	3,811,262.50
12/15/2037	0.00	0.00	0.00	0.00	0.00	
6/15/2038	3,330,000.00	595,875.00	0.00	0.00	3,925,875.00	3,925,875.00
12/15/2038	0.00	0.00	0.00	0.00	0.00	
6/15/2039	3,620,000.00	421,050.00	0.00	0.00	4,041,050.00	4,041,050.00
12/15/2039	0.00	0.00	0.00	0.00	0.00	
6/15/2040	3,935,000.00	231,000.00	0.00	0.00	4,166,000.00	4,166,000.00
12/15/2040	0.00	0.00	0.00	0.00	0.00	
6/15/2041	465,000.00	24,412.50	0.00	0.00	489,412.50	489,412.50
Totals	36,865,000.00	28,895,350.00	0.00	-3,833,500.00	61,926,850.00	61,926,850.00