

MEMORANDUM

Date: July 2, 2019

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 Financial Officer



Subject: Disclosure Filing for MPEA Series 2019A Project Revenue Bonds

The Metropolitan Pier and Exposition Authority issued its Series 2019A Project Revenue Bonds on May 8, 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 Project Revenue Bonds, which consist entirely of the debt service on the Series 2019A Project Revenue Bonds
- The interest and principal on aggregate outstanding MPEA Expansion Project 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 Project Revenue Bonds



McCORMICK
SQUARE + PLATE = MPEA

MPEA Series 2019A Project Revenue Bonds

Costs Of Issuance

Final Par Amount	\$36,865,000			
	Total Amount	Memo:		
		MBE/WBE Amounts	Discretionary Amounts	
Purchaser's fees:				
Morgan Stanley (Commitment Fee)	\$184,325.00	\$0.00	\$184,325.00	
Chapman and Cutler (Purchaser's Counsel)	70,000.00	0.00	0.00	
	<u>\$254,325.00</u>	<u>\$0.00</u>	<u>\$184,325.00</u>	0.0%
Katten Muchin Rosenman (Bond Counsel)	\$84,238.00	\$0.00	\$84,238.00	
PFM Financial (Financial Advisor)	38,000.00	0.00	38,000.00	
Amalgamated Bank (Trustee)	6,666.67	0.00	0.00	
MPEA Misc Expenses	15,000.00	0.00	0.00	
	<u>\$398,229.67</u>	<u>\$0.00</u>	<u>\$306,563.00</u>	0.00%
		MBE	\$0.00	0.00%
		WBE	\$0.00	0.00%

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

Maturity Schedule as of

5/8/2019

Principal Interest Payment Dates	Principal to be Redeemed	Interest Due	Compounded Interest	Capitalized Interest	Debt Service	Annual Debt Service
6/15/2019	0.00	196,999.31	0.00	-196,999.31	0.00	0.00
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	29,092,349.31	0.00	-4,030,499.31	61,926,850.00	61,926,850.00

Bond Interest and Redemption Schedule
Series 2019A Project Revenue Bonds

Maturity Schedule 5/8/2019

Principal Interest Payment Dates	Coupon Rate %	Principal to be Redeemed	Interest Due	Compounded Interest	Capitalized Interest	Debt Service
6/15/2019		0.00	196,999.31	0.00	-196,999.31	0.00
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%	<u>465,000.00</u>	<u>12,206.25</u>	<u>0.00</u>	<u>0.00</u>	<u>477,206.25</u>
Totals		<u>36,865,000.00</u>	<u>29,092,349.31</u>	<u>0.00</u>	<u>-4,030,499.31</u>	<u>61,926,850.00</u>

Metropolitan Pier and Exposition Authority Expansion Project Bonds



**Total MPEA Expansion Project Bonds Debt Service
(After Series 2017AB Transaction)**

<u>Payment Date</u>	<u>Principal</u>	<u>Interest</u>	<u>Compounded Interest</u>	<u>Capitalized Interest</u>	<u>Debt Service</u>	<u>Annual Debt Service</u>
6/15/2019	13,193,230.95	60,087,647.50	46,331,769.05	0.00	119,612,647.50	119,612,647.50
12/15/2019	4,684,863.40	59,999,372.50	12,570,136.60	0.00	77,254,372.50	
6/15/2020	17,005,740.75	59,987,260.00	56,784,259.25	0.00	133,777,260.00	211,031,632.50
12/15/2020	57,141,968.60	59,755,297.50	12,833,031.40	0.00	129,730,297.50	
6/15/2021	15,109,233.60	58,417,997.50	42,615,766.40	0.00	116,142,997.50	245,873,295.00
12/15/2021	12,837,848.00	58,069,088.75	39,427,152.00	0.00	110,334,088.75	
6/15/2022	34,882,148.70	58,015,288.75	56,642,851.30	0.00	149,540,288.75	259,874,377.50
12/15/2022	74,201,020.00	56,146,605.00	40,068,980.00	0.00	170,416,605.00	
6/15/2023	28,232,993.10	54,542,430.00	21,677,006.90	0.00	104,452,430.00	274,869,035.00
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

**Total MPEA Expansion Project Bonds Debt Service
(After Series 2017AB Transaction)**

<u>Payment Date</u>	<u>Principal</u>	<u>Interest</u>	<u>Compounded Interest</u>	<u>Capitalized Interest</u>	<u>Debt Service</u>	<u>Annual Debt Service</u>
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
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
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	2,973,999,268.20	2,804,839,188.75	6,781,635,420.90	0.00	12,560,473,877.85	12,560,473,877.85

Series 2017AB MPEA Expansion Project Bonds Debt Service

<u>Payment Date</u>	<u>Principal</u>	<u>Interest</u>	<u>Compounded Interest</u>	<u>Capitalized Interest</u>	<u>Debt Service</u>	<u>Annual Debt Service</u>
6/15/2019	0.00	6,210,375.00	0.00	0.00	6,210,375.00	6,210,375.00
12/15/2019	0.00	6,210,375.00	0.00	0.00	6,210,375.00	
6/15/2020	0.00	6,210,375.00	0.00	0.00	6,210,375.00	12,420,750.00
12/15/2020	0.00	6,210,375.00	0.00	0.00	6,210,375.00	
6/15/2021	0.00	6,210,375.00	0.00	0.00	6,210,375.00	12,420,750.00
12/15/2021	0.00	6,210,375.00	0.00	0.00	6,210,375.00	
6/15/2022	0.00	6,210,375.00	0.00	0.00	6,210,375.00	12,420,750.00
12/15/2022	0.00	6,210,375.00	0.00	0.00	6,210,375.00	
6/15/2023	0.00	6,210,375.00	0.00	0.00	6,210,375.00	12,420,750.00
12/15/2023	0.00	6,210,375.00	0.00	0.00	6,210,375.00	
6/15/2024	0.00	6,210,375.00	0.00	0.00	6,210,375.00	12,420,750.00
12/15/2024	0.00	6,210,375.00	0.00	0.00	6,210,375.00	
6/15/2025	0.00	6,210,375.00	0.00	0.00	6,210,375.00	12,420,750.00
12/15/2025	5,610,000.00	6,210,375.00	0.00	0.00	11,820,375.00	
6/15/2026	0.00	6,070,125.00	0.00	0.00	6,070,125.00	17,890,500.00
12/15/2026	16,325,000.00	6,070,125.00	0.00	0.00	22,395,125.00	
6/15/2027	0.00	5,662,000.00	0.00	0.00	5,662,000.00	28,057,125.00
12/15/2027	1,880,000.00	5,662,000.00	0.00	0.00	7,542,000.00	
6/15/2028	0.00	5,615,000.00	0.00	0.00	5,615,000.00	13,157,000.00
12/15/2028	17,520,000.00	5,615,000.00	0.00	0.00	23,135,000.00	
6/15/2029	0.00	5,177,000.00	0.00	0.00	5,177,000.00	28,312,000.00
12/15/2029	0.00	5,177,000.00	0.00	0.00	5,177,000.00	
6/15/2030	0.00	5,177,000.00	0.00	0.00	5,177,000.00	10,354,000.00
12/15/2030	5,360,000.00	5,177,000.00	0.00	0.00	10,537,000.00	
6/15/2031	0.00	5,043,000.00	0.00	0.00	5,043,000.00	15,580,000.00
12/15/2031	2,705,000.00	6,463,751.25	0.00	0.00	9,168,751.25	
6/15/2032	0.00	6,396,126.25	0.00	0.00	6,396,126.25	15,564,877.50
12/15/2032	2,855,000.00	6,396,126.25	0.00	0.00	9,251,126.25	
6/15/2033	0.00	6,324,751.25	0.00	0.00	6,324,751.25	15,575,877.50
12/15/2033	2,995,000.00	6,324,751.25	0.00	0.00	9,319,751.25	
6/15/2034	0.00	6,249,876.25	0.00	0.00	6,249,876.25	15,569,627.50
12/15/2034	3,160,000.00	6,249,876.25	0.00	0.00	9,409,876.25	
6/15/2035	0.00	6,170,876.25	0.00	0.00	6,170,876.25	15,580,752.50
12/15/2035	1,763,151.40	6,170,876.25	1,541,848.60	0.00	9,475,876.25	
6/15/2036	0.00	6,093,208.75	0.00	0.00	6,093,208.75	15,569,085.00
12/15/2036	1,851,175.60	6,093,208.75	1,618,824.40	0.00	9,563,208.75	
6/15/2037	0.00	6,011,663.75	0.00	0.00	6,011,663.75	15,574,872.50
12/15/2037	1,939,199.80	6,011,663.75	1,695,800.20	0.00	9,646,663.75	
6/15/2038	0.00	5,926,241.25	0.00	0.00	5,926,241.25	15,572,905.00
12/15/2038	1,995,321.30	5,926,241.25	1,819,678.70	0.00	9,741,241.25	
6/15/2039	0.00	5,833,727.50	0.00	0.00	5,833,727.50	15,574,968.75
12/15/2039	2,092,080.00	5,833,727.50	1,907,920.00	0.00	9,833,727.50	
6/15/2040	0.00	5,736,727.50	0.00	0.00	5,736,727.50	15,570,455.00
12/15/2040	2,194,068.90	5,736,727.50	2,000,931.10	0.00	9,931,727.50	
6/15/2041	0.00	5,634,998.75	0.00	0.00	5,634,998.75	15,566,726.25
12/15/2041	2,306,518.20	5,634,998.75	2,103,481.80	0.00	10,044,998.75	
6/15/2042	0.00	5,528,056.25	0.00	0.00	5,528,056.25	15,573,055.00
12/15/2042	2,418,967.50	5,528,056.25	2,206,032.50	0.00	10,153,056.25	
6/15/2043	0.00	5,415,900.00	0.00	0.00	5,415,900.00	15,568,956.25
12/15/2043	2,508,537.60	5,415,900.00	2,351,462.40	0.00	10,275,900.00	
6/15/2044	0.00	5,295,615.00	0.00	0.00	5,295,615.00	15,571,515.00
12/15/2044	2,637,577.60	5,295,615.00	2,472,422.40	0.00	10,405,615.00	
6/15/2045	0.00	5,169,142.50	0.00	0.00	5,169,142.50	15,574,757.50
12/15/2045	2,769,198.40	5,169,142.50	2,595,801.60	0.00	10,534,142.50	
6/15/2046	0.00	5,036,358.75	0.00	0.00	5,036,358.75	15,570,501.25

Series 2017AB MPEA Expansion Project Bonds Debt Service

<u>Payment Date</u>	<u>Principal</u>	<u>Interest</u>	<u>Compounded Interest</u>	<u>Capitalized Interest</u>	<u>Debt Service</u>	<u>Annual Debt Service</u>
12/15/2046	2,911,142.40	5,036,358.75	2,728,857.60	0.00	10,676,358.75	
6/15/2047	0.00	4,896,768.75	0.00	0.00	4,896,768.75	15,573,127.50
12/15/2047	3,058,248.00	4,896,768.75	2,866,752.00	0.00	10,821,768.75	
6/15/2048	0.00	4,750,125.00	0.00	0.00	4,750,125.00	15,571,893.75
12/15/2048	0.00	4,750,125.00	0.00	0.00	4,750,125.00	
6/15/2049	1,184,595.30	4,750,125.00	4,883,964.00	0.00	10,818,684.30	15,568,809.30
12/15/2049	10,311,263.55	4,750,125.00	43,898,910.30	0.00	58,960,298.85	
6/15/2050	0.00	4,750,125.00	0.00	0.00	4,750,125.00	63,710,423.85
12/15/2050	612,114.30	4,750,125.00	2,777,178.30	0.00	8,139,417.60	
6/15/2051	0.00	4,750,125.00	0.00	0.00	4,750,125.00	12,889,542.60
12/15/2051	579,820.50	4,750,125.00	2,801,419.00	0.00	8,131,364.50	
6/15/2052	0.00	4,750,125.00	0.00	0.00	4,750,125.00	12,881,489.50
12/15/2052	957,587.70	4,750,125.00	4,923,710.50	0.00	10,631,423.20	
6/15/2053	0.00	4,750,125.00	0.00	0.00	4,750,125.00	15,381,548.20
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
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	472,505,724.55	421,015,078.75	1,074,697,879.05	0.00	1,968,218,682.35	1,968,218,682.35

**Unrefunded Prior Expansion Project Bonds Debt Service
(After Series 2017AB Transaction)**

<u>Payment Date</u>	<u>Principal</u>	<u>Interest</u>	<u>Compounded Interest</u>	<u>Capitalized Interest</u>	<u>Debt Service</u>	<u>Annual Debt Service</u>
6/15/2019	13,193,230.95	53,877,272.50	46,331,769.05	0.00	113,402,272.50	113,402,272.50
12/15/2019	4,684,863.40	53,788,997.50	12,570,136.60	0.00	71,043,997.50	
6/15/2020	17,005,740.75	53,776,885.00	56,784,259.25	0.00	127,566,885.00	198,610,882.50
12/15/2020	57,141,968.60	53,544,922.50	12,833,031.40	0.00	123,519,922.50	
6/15/2021	15,109,233.60	52,207,622.50	42,615,766.40	0.00	109,932,622.50	233,452,545.00
12/15/2021	12,837,848.00	51,858,713.75	39,427,152.00	0.00	104,123,713.75	
6/15/2022	34,882,148.70	51,804,913.75	56,642,851.30	0.00	143,329,913.75	247,453,627.50
12/15/2022	74,201,020.00	49,936,230.00	40,068,980.00	0.00	164,206,230.00	
6/15/2023	28,232,993.10	48,332,055.00	21,677,006.90	0.00	98,242,055.00	262,448,285.00
12/15/2023	19,319,366.60	47,567,525.00	97,320,633.40	0.00	164,207,525.00	
6/15/2024	20,632,146.50	47,438,412.50	30,177,853.50	0.00	98,248,412.50	262,455,937.50
12/15/2024	17,916,601.25	46,592,707.50	92,468,398.75	0.00	156,977,707.50	
6/15/2025	24,303,549.20	46,456,307.50	34,711,450.80	0.00	105,471,307.50	262,449,015.00
12/15/2025	9,421,644.00	45,362,325.00	60,213,356.00	0.00	114,997,325.00	
6/15/2026	46,047,485.40	45,218,362.50	51,852,514.60	0.00	143,118,362.50	258,115,687.50
12/15/2026	55,509,290.40	44,008,875.00	39,230,709.60	0.00	138,748,875.00	
6/15/2027	36,434,934.10	42,667,550.00	43,330,065.90	0.00	122,432,550.00	261,181,425.00
12/15/2027	110,190,000.00	42,316,512.50	0.00	0.00	152,506,512.50	
6/15/2028	15,902,687.30	39,547,175.00	83,087,312.70	0.00	138,537,175.00	291,043,687.50
12/15/2028	115,860,000.00	39,382,312.50	0.00	0.00	155,242,312.50	
6/15/2029	15,495,321.30	36,470,412.50	83,719,678.70	0.00	135,685,412.50	290,927,725.00
12/15/2029	6,595,539.05	36,299,362.50	155,099,460.95	0.00	197,994,362.50	
6/15/2030	3,486,095.60	36,299,362.50	87,108,904.40	0.00	126,894,362.50	324,888,725.00
12/15/2030	7,144,528.50	36,299,362.50	155,825,471.50	0.00	199,269,362.50	
6/15/2031	3,716,425.60	36,267,487.50	92,413,574.40	0.00	132,397,487.50	331,666,850.00
12/15/2031	6,544,365.45	36,256,487.50	156,470,634.55	0.00	199,271,487.50	
6/15/2032	3,401,631.20	36,223,487.50	92,773,368.80	0.00	132,398,487.50	331,669,975.00
12/15/2032	6,013,731.25	36,211,362.50	157,046,268.75	0.00	199,271,362.50	
6/15/2033	3,130,112.80	36,177,237.50	93,094,887.20	0.00	132,402,237.50	331,673,600.00
12/15/2033	5,547,775.05	36,163,862.50	157,557,224.95	0.00	199,268,862.50	
6/15/2034	2,889,956.60	36,128,612.50	93,380,043.40	0.00	132,398,612.50	331,667,475.00
12/15/2034	5,141,795.15	36,114,112.50	158,013,204.85	0.00	199,269,112.50	
6/15/2035	2,685,421.20	36,077,612.50	93,634,578.80	0.00	132,397,612.50	331,666,725.00
12/15/2035	4,792,557.65	36,061,862.50	158,417,442.35	0.00	199,271,862.50	
6/15/2036	2,514,592.80	36,023,987.50	93,860,407.20	0.00	132,398,987.50	331,670,850.00
12/15/2036	4,486,977.80	36,006,862.50	158,778,022.20	0.00	199,271,862.50	
6/15/2037	2,368,643.80	35,967,612.50	94,061,356.20	0.00	132,397,612.50	331,669,475.00
12/15/2037	4,220,204.75	35,949,112.50	159,099,795.25	0.00	199,269,112.50	
6/15/2038	2,248,746.60	35,908,487.50	94,241,253.40	0.00	132,398,487.50	331,667,600.00
12/15/2038	3,995,621.55	35,888,487.50	159,384,378.45	0.00	199,268,487.50	
6/15/2039	2,154,901.20	35,846,362.50	94,400,098.80	0.00	132,401,362.50	331,669,850.00
12/15/2039	3,805,143.45	35,824,737.50	159,639,856.55	0.00	199,269,737.50	
6/15/2040	2,077,323.10	35,780,987.50	94,542,676.90	0.00	132,400,987.50	331,670,725.00
12/15/2040	3,648,770.45	35,757,737.50	159,866,229.55	0.00	199,272,737.50	
6/15/2041	14,792,558.00	35,712,237.50	81,897,298.60	0.00	132,402,094.10	331,674,831.60
12/15/2041	120,744,617.20	35,688,862.50	32,760,382.80	0.00	189,193,862.50	
6/15/2042	109,365,000.00	33,110,206.25	0.00	0.00	142,475,206.25	331,669,068.75
12/15/2042	3,070,000.00	30,604,175.00	0.00	0.00	33,674,175.00	
6/15/2043	36,068,329.50	30,527,425.00	231,401,670.50	0.00	297,997,425.00	331,671,600.00
12/15/2043	3,225,000.00	30,527,425.00	0.00	0.00	33,752,425.00	
6/15/2044	33,701,220.00	30,446,800.00	233,768,780.00	0.00	297,916,800.00	331,669,225.00
12/15/2044	3,395,000.00	30,446,800.00	0.00	0.00	33,841,800.00	
6/15/2045	31,689,253.20	30,361,925.00	235,775,746.80	0.00	297,826,925.00	331,668,725.00
12/15/2045	3,565,000.00	30,361,925.00	0.00	0.00	33,926,925.00	
6/15/2046	29,798,832.70	30,272,800.00	237,671,167.30	0.00	297,742,800.00	331,669,725.00

