

FirstEnergy Long-Term Debt Summary

Balances as of 12/31/2017

(unaudited)

FirstEnergy Corp. (BBB-/Baa3/BBB-)	
Term Loans due February 16, 2020*	250,000,000
Term Loan due December 6, 2021*	1,200,000,000
337932AG2 UnSec Notes 2.85% Series due July 15, 2022	500,000,000
337932AF4 UnSec Notes 4.25% Series due March 15, 2023	850,000,000
337932AH0 UnSec Notes 3.90% Series due July 15, 2027	1,500,000,000
337932AC1 UnSec Notes 7.375% Series due November 15, 2031	1,500,000,000
337932AJ6 UnSec Notes 4.85% Series due July 15, 2047	1,000,000,000
Long-Term Debt Total	\$ 6,800,000,000
Debt Discounts/Premiums	(15,851,230)
Unamortized Issuance Costs	(33,841,941)
Total	\$ 6,750,306,829
Ohio Edison	654,371,469
OE Funding LLC	131,251,593
CEI	1,257,592,992
CEI Funding LLC	145,539,769
Toledo Edison	354,436,430
TE Funding LLC	38,649,691
Penn Power	153,629,444
West Penn Power	725,382,635
Penelec	1,134,209,999
Met-Ed	857,166,716
JCP&L	1,696,972,667
JCP&L Transition Funding LLC	55,741,292
Mon Power	1,315,388,560
Mon Power Environmental Funding LLC	283,513,151
Potomac Edison	499,093,841
Potomac Edison Environmental Funding LLC	94,582,576
	\$ 9,397,522,826
FirstEnergy Solutions Corp.	691,400,116
FE Generation LLC	1,012,386,705
FE Nuclear Generation LLC	1,120,446,601
AE Supply	494,714,799
Allegheny Generating	99,754,663
	\$ 3,418,702,884
FET	991,483,672
ATSI	1,089,718,779
TrAIL	621,192,555
	\$ 2,702,395,007
Other Eliminations	\$ (73,500,000)
Misc Capital Leases	\$ 2,057,859
Grand Total	\$ 22,197,485,405

* Portion of the proceeds from the \$2.5B equity issuance on January 22, 2018, were used to reduce holding company long-term debt by \$1.45B

FirstEnergy Utilities Long-Term Debt

Balances as of 12/31/2017

Ohio Edison (BBB-/Baa1/BBB)	
677347CG9 First Mtg Bond 8.25% Series due October 15, 2018	25,000,000
677347CF1 First Mtg Bond 8.25% Series due October 15, 2038	275,000,000
Secured First Mortgage Bond Total	\$ 300,000,000
677347CE4 Senior Note 6.875% Series due July 15, 2036	350,000,000
Long-Term Debt Total	\$ 650,000,000
Debt Discounts/Premiums	(7,867,186)
Unamortized Issuance Costs	(2,264,791)
Capital Leases	14,503,446
Total	\$ 654,371,469

OE Funding LLC (AAA/Aaa/AAA)	
33766QAB3 1.726% Phase-In Recovery Bond due January 15, 2020	7,639,593
33766QAC1 3.450% Phase-In Recovery Bond due January 15, 2034	123,612,000
Secured Long-Term Debt Total	\$ 131,251,593

CEI (BBB-/Baa3/BBB)	
186108CH7 First Mtg Bond 8.875% Series due November 15, 2018	300,000,000
186108CJ3 First Mtg Bond 5.5% Series due August 15, 2024	300,000,000
Secured First Mortgage Bond Total	\$ 600,000,000
186108CK0 Senior Note 3.5% Series due April 1, 2028	350,000,000
186108CE4 Senior Note 5.95% Series due December 15, 2036	300,000,000
Long-Term Debt Total	\$ 1,250,000,000
Debt Discounts/Premiums	(2,701,313)
Unamortized Issuance Costs	(6,176,677)
Capital Leases	16,470,982
Total	\$ 1,257,592,992

CEI Funding LLC (AAA/Aaa/AAA)	
33766QAB3 1.726% Phase-In Recovery Bond due January 15, 2020	42,379,769
33766QAC1 3.450% Phase-In Recovery Bond due January 15, 2034	103,160,000
Secured Long-Term Debt Total	\$ 145,539,769

Toledo Edison (BBB-/Baa3/BBB)	
889175BE4 First Mtg Bond 7.25% Series due May 1, 2020	50,000,000
889175BD6 First Mtg Bond 6.15% Series due May 15, 2037	300,000,000
Secured First Mortgage Bond Total	\$ 350,000,000
Debt Discounts/Premiums	(377,181)
Unamortized Issuance Costs	(1,918,341)
Capital Leases	6,731,952
Total	\$ 354,436,430

TE Funding LLC (AAA/Aaa/AAA)	
33766QAB3 1.726% Phase-In Recovery Bond due January 15, 2020	2,938,691
33766QAC1 3.450% Phase-In Recovery Bond due January 15, 2034	35,711,000
Secured Long-Term Debt Total	\$ 38,649,691

Penn Power (BBB-/Baa1/BBB)	
7090689O0 First Mtg Bond 9.74% Series due November 1, 2019	1,981,000
709068JN6 First Mtg Bond 6.09% Series due June 30, 2022	100,000,000
709068C@7 First Mtg Bond 4.24% Series due July 11, 2056	50,000,000
Secured First Mortgage Bond Total	\$ 151,981,000
Unamortized Issuance Costs	(1,205,362)
Capital Leases	2,853,806
Total	\$ 153,629,444

Penelec (BBB-/Baa1/BBB)	
708696BM0 Senior Note 6.625% Series due April 1, 2019	125,000,000
708696BW8 Senior Note 5.2% Series due April 1, 2020	250,000,000
708696BX6 Senior Note 4.15% Series due April 15, 2025	200,000,000
708696BY4 Senior Note 3.25% Series due March 15, 2028	300,000,000
708696BV0 Senior Note 6.15% Series due October 1, 2038	250,000,000
Unsecured Long-Term Debt Total	\$ 1,125,000,000
Debt Discounts/Premiums	(1,473,557)
Unamortized Issuance Costs	(6,093,731)
Capital Leases	16,777,288
Total	\$ 1,134,209,999

Met-Ed (BBB-/A3/BBB)	
591894BX7 Senior Note 7.7% Series due January 15, 2019	300,000,000
591894BY5 Senior Note 3.5% Series due March 15, 2023	300,000,000
591894CB4 Senior Note 4.0% Series due April 15, 2025	250,000,000
Unsecured Long-Term Debt Total	\$ 850,000,000
Debt Discounts/Premiums	(683,847)
Unamortized Issuance Costs	(2,990,634)
Capital Leases	10,841,197
Total	\$ 857,166,716

JCP&L (BBB-/Baa2/BBB-)	
476556CK9 Senior Note 4.8% Series due June 15, 2018	150,000,000
476556DA0 Senior Note 7.35% Series due February 1, 2019	300,000,000
476556DB8 Senior Note 4.70% Series due April 1, 2024	500,000,000
476556DC6 Senior Note 4.30% Series due January 15, 2026	250,000,000
476556CP8 Senior Note 6.4% Series due May 15, 2036	200,000,000
476556CT0 Senior Note 6.15% Series due June 1, 2037	300,000,000
Unsecured Long-Term Debt Total	\$ 1,700,000,000
Debt Discounts/Premiums	(5,356,305)
Unamortized Issuance Costs	(6,058,777)
Capital Leases	8,387,749
Total	\$ 1,696,972,667

JCP&L Transition Funding LLC (AAA/Aaa/AAA)	
47215BAC1 5.52% Transition Bond due June 5, 2018	4,602,292
47215BAD9 5.61% Transition Bond due June 5, 2021	51,139,000
Secured Long-Term Debt Total	\$ 55,741,292

Mon Power (BBB-/Baa2/BBB-)	
41524CAU8 PCN 5.5% Series due October 15, 2037	73,500,000
Secured Fixed-Rate Tax-Exempt Pollution Control Note Total	\$ 73,500,000
610202BN2 First Mtg Bond 4.1% Series due April 15, 2024	400,000,000
610202BR3 First Mtg Bond 3.55% Series due May 15, 2027	250,000,000
610202BP7 First Mtg Bond 5.4% Series due December 15, 2043	600,000,000
Secured First Mortgage Bond Total	\$ 1,250,000,000
Secured Long-Term Debt Total	\$ 1,323,500,000
Debt Discounts/Premiums	(1,312,650)
Unamortized Issuance Costs	(9,600,442)
Capital Leases	2,801,652
Total	\$ 1,315,388,560

Mon Power Environmental Funding LLC (AAA/Aaa/AAA)	
553214AB3 5.233% Environmental Control Bond due July 15, 2019	30,595,785
553214AC1 5.463% Environmental Control Bond due July 15, 2026	153,250,000
553214AD9 5.523% Environmental Control Bond due July 15, 2027	29,025,000
553214AE7 5.127% Environmental Control Bond due January 15, 2031	64,380,000
Secured Long-Term Debt Total	\$ 277,250,785
Unamortized Issuance Costs	(3,455,127)
Purchase Accounting	9,717,494
Total	\$ 283,513,151

Potomac Edison (BBB-/Baa2/BBB-)	
737662 A*7 First Mtg Bond 4.44% Series due November 15, 2044	200,000,000
737662A@5 First Mtg Bond 4.47% Series due August 15, 2045	145,000,000
737662A#3 First Mtg Bond 3.89% Series due October 15, 2046	155,000,000
Secured First Mortgage Bond Total	\$ 500,000,000
Unamortized Issuance Costs	(3,207,751)
Capital Leases	2,301,592
Total	\$ 499,093,841

Potomac Edison Environmental Funding LLC (AAA/Aaa/AAA)	
69336NAB5 5.233% Environmental Control Bond due July 15, 2019	10,366,431
69336NAC3 5.463% Environmental Control Bond due July 15, 2026	50,700,000
69336NAD1 5.523% Environmental Control Bond due July 15, 2027	9,975,000
69336NAE9 5.127% Environmental Control Bond due January 15, 2031	21,510,000
Secured Long-Term Debt Total	\$ 92,551,431
Unamortized Issuance Costs	(1,212,126)
Purchase Accounting	3,243,271
Total	\$ 94,582,576

West Penn Power (BBB-/A3/BBB)	
955278A#3 First Mtg Bond 3.34% Series due April 15, 2022	100,000,000
955278B*6 First Mtg Bond 4.45% Series due September 15, 2045	150,000,000
955278B@4 First Mtg Bond 3.84% Series due December 15, 2046	100,000,000
955278B#2 First Mtg Bond 4.09% Series due September 15, 2047	100,000,000
955278C*5 First Mtg Bond 4.14% Series due December 15, 2047	275,000,000
Secured First Mortgage Bond Total	\$ 725,000,000
Unamortized Issuance Costs	(4,429,156)
Capital Leases	4,811,791
Total	\$ 725,382,635

Competitive Energy Long-Term Debt

Balances as of 12/31/2017

FES (CCC-/Ca/CC)		
33766JAD5 Senior Note 6.05% Series due August 15, 2021	332,305,000	
33766JAF0 Senior Note 6.8% Series due August 15, 2039	363,281,000	
Unsecured Long-Term Debt Total	\$ 695,586,000	
Debt Discounts/Premiums	(904,157)	
Unamortized Issuance Costs	(3,281,727)	
Total	\$ 691,400,116	

FE Generation		
708686DB3 PCN 2.55% Series due November 1, 2041 (Put: 12/3/18)	26,000,000	
677525VK0 PCN 3.75% Series due December 1, 2023 (Put: 12/3/18)	234,520,000	
677525VP9 PCN 3.10% Series due March 1, 2023 (Put: 3/1/19)	50,000,000	
677660UL4 PCN 3.0% Series due May 15, 2019	90,140,000	
074876HL0 PCN 3.50% Series due April 1, 2041 (Put: 6/1/20)	56,600,000	
708686EA4 PCN 3.75% Series due December 1, 2040 (Put: 7/1/20)	43,000,000	
677525TK3 PCN 5.7% Series due August 1, 2020	177,000,000	
Unsecured Fixed-Rate Tax-Exempt Pollution Control Note Total	\$ 677,260,000	
677525TF4 PCN 5.625% Series due June 1, 2018	141,260,000	
074876HP1 PCN 4.25% Series due October 1, 2047 (Put: 4/1/21)	46,300,000	
074876HQ9 PCN 4.50% Series due June 1, 2028 (Put: 5/1/21)	25,000,000	
708686EE6 PCN 4.50% Series due June 1, 2028 (Put: 6/1/21)	15,000,000	
677525VZ7 PCN 4.25% Series due August 1, 2029 (Put: 9/15/21)	100,000,000	
Secured Fixed-Rate Tax-Exempt Pollution Control Note Total	\$ 327,560,000	
Other	8,990,571	
Long-Term Debt Total	\$ 1,013,810,571	
Unamortized Issuance Costs	(3,906,050)	
Capital Leases	2,482,184	
Total	\$ 1,012,386,705	

FE Nuclear Generation		
074876HH9 PCN 2.7% Series due April 1, 2035 (Put: 4/2/18)	98,900,000	
677525VU8 PCN 3.125% Series due July 1, 2033 (Put: 7/2/18)	8,000,000	
677525VT1 PCN 3.125% Series due January 1, 2034 (Put: 7/2/18)	7,200,000	
677660UJ9 PCN 4.0% Series due December 1, 2033 (Put: 6/3/19)	135,550,000	
677660UK6 PCN 4.0% Series due June 1, 2033 (Put: 6/3/19)	46,500,000	
677525VR5 PCN 3.625% Series due October 1, 2033 (Put: 4/1/20)	9,100,000	
677660UM2 PCN 3.625% Series due October 1, 2033 (Put: 4/1/20)	20,450,000	
677660UN0 PCN 3.95% Series due November 1, 2032 (Put: 5/1/20)	33,000,000	
677525VS3 PCN 3.95% Series due November 1, 2032 (Put: 5/1/20)	23,000,000	
677525VQ7 PCN 3.625% Series due December 1, 2033 (Put: 6/1/20)	15,500,000	
074876HM8 PCN 3.5% Series due December 1, 2035 (Put: 6/1/20)	163,965,000	
677525VV6 PCN 3.75% Series due June 1, 2033 (Put: 6/1/20)	26,000,000	
677660UQ3 PCN 3.75% Series due July 1, 2033 (Put: 7/1/20)	99,100,000	
677660UP5 PCN 4.0% Series due January 1, 2034 (Put: 7/1/21)	82,800,000	
074876HN6 PCN 4.0% Series due January 1, 2035 (Put: 7/1/21)	72,650,000	
Unsecured Fixed-Rate Tax-Exempt Pollution Control Note Total	\$ 841,715,000	
67766WXM9 PCN 4.375% Series due June 1, 2033 (Put: 6/1/22)	107,500,000	
677525WA1 PCN 4.375% Series due June 1, 2033 (Put: 6/1/22)	62,500,000	
67766WXN7 PCN 4.375% Series due June 1, 2033 (Put: 6/1/22)	54,600,000	
074876HR7 PCN 4.375% Series due January 1, 2035 (Put: 7/1/22)	60,000,000	
Secured Fixed-Rate Tax-Exempt Pollution Control Note Total	\$ 284,600,000	
Long-Term Debt Total	\$ 1,126,315,000	
Unamortized Issuance Costs	(5,868,399)	
Total	\$ 1,120,446,601	

AE Supply (B+/B1/B)		
41524CAU8 PCN 5.5% Series due October 15, 2037	73,500,000	
728896CF6 PCN 5.25% Series due October 15, 2037	142,000,000	
Secured Fixed-Rate Tax-Exempt Pollution Control Note Total	\$ 215,500,000	
017363AK8 Med Term Note 5.75% Series due October 15, 2019	155,532,000	
017363AM4 Med Term Note 6.75% Series due October 15, 2039	150,034,000	
Long-Term Debt Total	\$ 521,066,000	
Purchase Accounting	(26,351,201)	
Total	\$ 494,714,799	

Allegheny Generating (B+/Baa3/B+)		
017364 C*9 Senior Note 5.06% Series due July 15, 2021	100,000,000	
Unsecured Long-Term Debt Total	\$ 100,000,000	
Unamortized Issuance Costs	(245,337)	
Total	\$ 99,754,663	

FirstEnergy Transmission Long-Term Debt

Balances as of 12/31/2017

FET (BBB-/Baa2/BBB-)	
33767BAB5 Senior Note 4.35% Series due January 15, 2025	600,000,000
33767BAA7 Senior Note 5.45% Series due July 15, 2044	400,000,000
Unsecured Long-Term Debt Total	\$ 1,000,000,000
Debt Discounts/Premiums	(1,584,588)
Unamortized Issuance Costs	(6,931,739)
Total	\$ 991,483,672

ATSI (BBB-/Baa1/BBB)	
030288AA2 Senior Note 5.25% Series due January 15, 2022	400,000,000
030288A*5 Senior Note 4.00% Series due April 15, 2026	75,000,000
030288A#1 Senior Note 3.66% Series due September 1, 2032	150,000,000
030288AB0 Senior Note 5.0% Series due September 1, 2044	400,000,000
030288A@3 Senior Note 5.23% Series due October 15, 2045	75,000,000
Unsecured Long-Term Debt Total	\$ 1,100,000,000
Debt Discounts/Premiums	(3,653,546)
Unamortized Issuance Costs	(6,627,675)
Total	\$ 1,089,718,779

TrAIL (BBB-/A3/BBB)	
----- Senior Note 3.76% Series due May 30, 2025	75,000,000
893045AE4 Senior Note 3.85% Series due June 1, 2025	550,000,000
Unsecured Long-Term Debt Total	\$ 625,000,000
Debt Discounts/Premiums	(296,069)
Unamortized Issuance Costs	(3,511,376)
Total	\$ 621,192,555