

FirstEnergy Long-Term Debt Summary

Balances as of 12/31/2016

(unaudited)

FirstEnergy Corp. (BBB-/Baa3/BBB-)	
Term Loan due December 6, 2021	1,200,000,000
337932AE7 UnSec Notes 2.75% Series due March 15, 2018	650,000,000
337932AF4 UnSec Notes 4.25% Series due March 15, 2023	850,000,000
337932AC1 UnSec Notes 7.375% Series due November 15, 2031	1,500,000,000
Long-Term Debt Total	\$ 4,200,000,000
Debt Discounts/Premiums	1,930,231
Unamortized Issuance Costs	(10,579,911)
Total	\$ 4,191,350,321
Ohio Edison	657,146,147
OE Funding LLC	134,669,106
CEI	1,338,811,763
CEI Funding LLC	164,262,440
Toledo Edison	355,756,881
TE Funding LLC	39,913,791
Penn Power	155,016,610
West Penn Power	634,196,939
Penelec	1,140,661,897
Met-Ed	859,308,349
JCP&L	1,936,861,617
JCP&L Transition Funding LLC	84,562,887
Mon Power	1,219,360,592
Mon Power Environmental Funding LLC	300,815,254
Potomac Edison	500,597,690
Potomac Edison Environmental Funding LLC	100,354,018
	\$ 9,622,295,983
FirstEnergy Solutions Corp.	691,033,039
FE Generation LLC	1,175,622,533
FE Nuclear Generation LLC	1,125,178,149
AE Supply	493,679,150
Allegheny Generating	99,685,337
	\$ 3,585,198,208
FET	989,810,476
ATSI	939,910,084
TrAIL	620,679,340
	\$ 2,550,399,900
Sale-leaseback Bonds Elimination	\$ (1,720,698)
Other Eliminations	\$ (73,500,000)
Misc Capital Leases	\$ 2,693,706
Grand Total	\$ 19,876,717,419

FirstEnergy Utilities Long-Term Debt

Balances as of 12/31/2016

Ohio Edison (BBB-/Baa1)	
677347CG9 First Mtg Bond 8.25% Series due October 15, 2018	25,000,000
677347CE4 Senior Note 6.875% Series due July 15, 2036	350,000,000
677347CF1 First Mtg Bond 8.25% Series due October 15, 2038	275,000,000
Long-Term Debt Total	\$ 650,000,000
Debt Discounts/Premiums	(8,301,243)
Unamortized Issuance Costs	(2,416,558)
Capital Leases	17,863,948
Total	\$ 657,146,147

OE Funding LLC (AAA/Aaa)	
33766QAA5 0.679% Phase-In Recovery Bond due January 15, 2017	855,106
33766QAB3 1.726% Phase-In Recovery Bond due January 15, 2020	10,202,000
33766QAC1 3.450% Phase-In Recovery Bond due January 15, 2034	123,612,000
Total	\$ 134,669,106

CEI (BBB-/Baa3)	
186108CF1 Senior Note 5.7% Series due April 1, 2017	130,000,000
186108BU9 Sec Notes 7.88% Series due November 1, 2017	300,000,000
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
186108CE4 Senior Note 5.95% Series due December 15, 2036	300,000,000
Long-Term Debt Total	\$ 1,330,000,000
Debt Discounts/Premiums	(1,813,899)
Unamortized Issuance Costs	(3,865,955)
Capital Leases	14,491,617
Total	\$ 1,338,811,763

CEI Funding LLC (AAA/Aaa)	
33766QAA5 0.679% Phase-In Recovery Bond due January 15, 2017	4,719,440
33766QAB3 1.726% Phase-In Recovery Bond due January 15, 2020	56,383,000
33766QAC1 3.450% Phase-In Recovery Bond due January 15, 2034	103,160,000
Total	\$ 164,262,440

Toledo Edison (BBB-/Baa3)	
889175BE4 Senior Sec Notes 7.25% Series due May 1, 2020	50,000,000
889175BD6 Senior Sec Notes 6.15% Series due May 15, 2037	300,000,000
Long-Term Debt Total	\$ 350,000,000
Debt Discounts/Premiums	(431,099)
Unamortized Issuance Costs	(2,022,106)
Capital Leases	8,210,086
Total	\$ 355,756,881

TE Funding LLC (AAA/Aaa)	
33766QAA5 0.679% Phase-In Recovery Bond due January 15, 2017	319,791
33766QAB3 1.726% Phase-In Recovery Bond due January 15, 2020	3,883,000
33766QAC1 3.450% Phase-In Recovery Bond due January 15, 2034	35,711,000
Total	\$ 39,913,791

Penn Power (BBB-/Baa1)	
7090689O0 First Mtg Bond 9.74% Series due November 1, 2019	2,955,000
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
Long-Term Debt Total	\$ 152,955,000
Unamortized Issuance Costs	(1,332,138)
Capital Leases	3,393,748
Total	\$ 155,016,610

Penelec (BBB-/Baa2)	
708696BU2 Senior Note 6.05% Series due September 1, 2017	300,000,000
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
708696BV0 Senior Note 6.15% Series due October 1, 2038	250,000,000
Long-Term Debt Total	\$ 1,125,000,000
Debt Discounts/Premiums	(1,366,678)
Unamortized Issuance Costs	(3,898,590)
Capital Leases	20,927,165
Total	\$ 1,140,661,897

Met-Ed (BBB-/Baa1)	
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
Long-Term Debt Total	\$ 850,000,000
Debt Discounts/Premiums	(789,843)
Unamortized Issuance Costs	(3,678,119)
Capital Leases	13,776,312
Total	\$ 859,308,349

JCP&L (BBB-/Baa2)	
476556CW3 Senior Note 5.65% Series due June 1, 2017	250,000,000
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
Long-Term Debt Total	\$ 1,950,000,000
Debt Discounts/Premiums	(6,058,333)
Unamortized Issuance Costs	(7,080,051)
Total	\$ 1,936,861,617

JCP&L Transition Funding LLC (AAA/Aaa)	
47214TAD1 6.16% Transition Bond due June 5, 2017	14,681,081
47215BAC1 5.52% Transition Bond due June 5, 2018	18,742,806
47215BAD9 5.61% Transition Bond due June 5, 2021	51,139,000
Total	\$ 84,562,887

Mon Power (BBB-/Baa2)	
41524CAU8 PCN 5.5% Series due October 15, 2037	73,500,000
Fixed-Rate Tax-Exempt Pollution Control Note Total	\$ 73,500,000
610202BL6 First Mtg Bond 5.7% Series due March 15, 2017	150,000,000
610202BN2 First Mtg Bond 4.1% Series due April 15, 2024	400,000,000
610202BP7 First Mtg Bond 5.4% Series due December 15, 2043	600,000,000
Long-Term Debt Total	\$ 1,223,500,000
Debt Discounts/Premiums	(1,294,270)
Unamortized Issuance Costs	(7,744,609)
Purchase Accounting	536,204
Capital Leases	4,363,267
Total	\$ 1,219,360,592

Mon Power Environmental Funding LLC (AAA/Aaa)	
553214AB3 5.233% Environmental Control Bond due July 15, 2019	46,317,313
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
Long-Term Debt Total	\$ 292,972,313
Unamortized Issuance Costs	(3,827,887)
Purchase Accounting	11,670,829
Total	\$ 300,815,254

Potomac Edison (BBB-/Baa2)	
737662A*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
Long-Term Debt Total	\$ 500,000,000
Unamortized Issuance Costs	(3,313,957)
Capital Leases	3,911,647
Total	\$ 500,597,690

Potomac Edison Environmental Funding LLC (AAA/Aaa)	
69336NAB5 5.233% Environmental Control Bond due July 15, 2019	15,612,950
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
Long-Term Debt Total	\$ 97,797,950
Unamortized Issuance Costs	(1,342,802)
Purchase Accounting	3,898,870
Total	\$ 100,354,018

West Penn Power (BBB-/Baa1)	
955278BH8 First Mtg Bond 5.95% Series due December 15, 2017	275,000,000
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
Long-Term Debt Total	\$ 625,000,000
Unamortized Issuance Costs	(2,141,255)
Purchase Accounting	4,161,980
Capital Leases	7,176,214
Total	\$ 634,196,939

Competitive Energy Long-Term Debt

Balances as of 12/31/2016

FES (CCC+/Caa1)		
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
Long-Term Debt Total	\$	695,586,000
Debt Discounts/Premiums		(946,433)
Unamortized Issuance Costs		(3,606,528)
Total	\$	691,033,039

FE Generation		
074876HF3 PCN 2.15% Series due March 1, 2017		28,525,000
074876HJ5 PCN 2.5% Series due December 1, 2041 (Put: 6/1/17)		129,610,000
677525TF4 PCN 5.625% Series due June 1, 2018		141,260,000
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
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
Fixed-Rate Tax-Exempt Pollution Control Note Total	\$	1,162,955,000
Other		10,089,538
Long-Term Debt Total	\$	1,173,044,538
Unamortized Issuance Costs		(5,382,568)
Capital Leases		7,960,563
Total	\$	1,175,622,533

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
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
Fixed-Rate Tax-Exempt Pollution Control Note Total	\$	1,126,315,000
SLB 9% TE BV2 Series due June 1, 2017		1,517,000
SLB 12% TE BV2 Series due June 1, 2017		102,604
SLB 8.68% OE BV2 Series due June 1, 2017		1,232,000
SLB 8.89% OE BV2 Series due June 1, 2017		2,244,000
Fixed-Rate Sale-Leaseback Total	\$	5,095,604
Long-Term Debt Total	\$	1,131,410,604
Unamortized Issuance Costs		(6,232,455)
Total	\$	1,125,178,149

AE Supply (BB-/B1)		
41524CAU8 PCN 5.5% Series due October 15, 2037		73,500,000
728896CF6 PCN 5.25% Series due October 15, 2037		142,000,000
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		(27,386,850)
Total	\$	493,679,150

Allegheny Generating (BB-/Baa3)		
017364 C*9 Senior Note 5.06% Series due July 15, 2021		100,000,000
Long-Term Debt Total	\$	100,000,000
Unamortized Issuance Costs		(314,663)
Total	\$	99,685,337

FirstEnergy Transmission Long-Term Debt

Balances as of 12/31/2016

FET (BBB-/Baa3)	
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
Long-Term Debt Total	\$ 1,000,000,000
Debt Discounts/Premiums	(1,648,020)
Unamortized Issuance Costs	(8,541,504)
Total	\$ 989,810,476

ATSI (BBB-/Baa2)	
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
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
Long-Term Debt Total	\$ 950,000,000
Debt Discounts/Premiums	(3,814,718)
Unamortized Issuance Costs	(6,275,198)
Total	\$ 939,910,084

TrAIL (BBB-/A3)	
----- 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
Long-Term Debt Total	\$ 625,000,000
Debt Discounts/Premiums	(335,974)
Unamortized Issuance Costs	(3,984,686)
Total	\$ 620,679,340