

## FirstEnergy Long-Term Debt Summary

Balances as of 6/30/2016

(unaudited)

FirstEnergy Corp. (BBB-/Baa3/BB+)	
Term Loan due May 29, 2020	200,000,000
Term Loan due March 31, 2019	1,000,000,000
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
<b>Long-Term Debt Total</b>	<b>\$ 4,200,000,000</b>
Debt Discounts/Premiums	6,236,697
Unamortized Issuance Costs	(10,022,119)
Capital Leases	-
<b>Total</b>	<b>\$ 4,196,214,578</b>
<b>Ohio Edison</b>	<b>658,688,609</b>
<b>OE Funding LLC</b>	<b>136,382,633</b>
<b>CEI</b>	<b>1,340,124,541</b>
<b>CEI Funding LLC</b>	<b>173,547,184</b>
<b>Toledo Edison</b>	<b>356,455,276</b>
<b>TE Funding LLC</b>	<b>40,524,421</b>
<b>Penn Power</b>	<b>106,454,452</b>
<b>West Penn Power</b>	<b>683,138,339</b>
<b>Penelec</b>	<b>1,142,377,828</b>
<b>Met-Ed</b>	<b>860,492,406</b>
<b>JCP&amp;L</b>	<b>1,935,916,264</b>
<b>JCP&amp;L Transition Funding LLC</b>	<b>107,763,451</b>
<b>Mon Power</b>	<b>1,220,929,793</b>
<b>Mon Power Environmental Funding LLC</b>	<b>309,212,100</b>
<b>Potomac Edison</b>	<b>447,700,430</b>
<b>Potomac Edison Environmental Funding LLC</b>	<b>103,214,633</b>
	<b>\$ 9,622,922,358</b>
<b>FirstEnergy Solutions Corp.</b>	<b>690,849,500</b>
<b>FE Generation LLC</b>	<b>1,189,459,922</b>
<b>FE Nuclear Generation LLC</b>	<b>905,231,119</b>
<b>AE Supply</b>	<b>493,181,567</b>
<b>Allegheny Generating</b>	<b>99,650,674</b>
	<b>\$ 3,378,372,782</b>
<b>FET</b>	<b>990,494,333</b>
<b>ATSI</b>	<b>939,582,876</b>
<b>TrAIL</b>	<b>620,422,732</b>
	<b>\$ 2,550,499,941</b>
<b>Sale-leaseback Bonds Elimination</b>	<b>\$ (3,460,640)</b>
<b>Other Eliminations</b>	<b>\$ (73,500,000)</b>
<b>Misc Capital Leases</b>	<b>\$ 3,228,688</b>
<b>Grand Total</b>	<b>\$ 19,674,277,708</b>

## FirstEnergy Utilities Long-Term Debt

Balances as of 6/30/2016

(unaudited)

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
<b>Long-Term Debt Total</b>	<b>\$ 650,000,000</b>
Debt Discounts/Premiums	(8,518,271)
Unamortized Issuance Costs	(2,500,417)
Capital Leases	19,707,296
<b>Total</b>	<b>\$ 658,688,609</b>

OE Funding LLC (AAA/Aaa)	
33766QAA5 0.679% Phase-In Recovery Bond due January 15, 2017	2,568,633
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
<b>Total</b>	<b>\$ 136,382,633</b>

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
<b>Long-Term Debt Total</b>	<b>\$ 1,330,000,000</b>
Debt Discounts/Premiums	(1,880,452)
Unamortized Issuance Costs	(4,192,091)
Capital Leases	16,197,084
<b>Total</b>	<b>\$ 1,340,124,541</b>

CEI Funding LLC (AAA/Aaa)	
33766QAA5 0.679% Phase-In Recovery Bond due January 15, 2017	14,004,184
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
<b>Total</b>	<b>\$ 173,547,184</b>

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
<b>Long-Term Debt Total</b>	<b>\$ 350,000,000</b>
Debt Discounts/Premiums	(458,059)
Unamortized Issuance Costs	(2,073,988)
Capital Leases	8,987,322
<b>Total</b>	<b>\$ 356,455,276</b>

TE Funding LLC (AAA/Aaa)	
33766QAA5 0.679% Phase-In Recovery Bond due January 15, 2017	930,421
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
<b>Total</b>	<b>\$ 40,524,421</b>

Penn Power (BBB-/Baa1)	
7090689O0 First Mtg Bond 9.74% Series due November 1, 2019	3,442,000
709068JN6 First Mtg Bond 6.09% Series due June 30, 2022	100,000,000
<b>Long-Term Debt Total</b>	<b>\$ 103,442,000</b>
Unamortized Issuance Costs	(661,802)
Capital Leases	3,674,255
<b>Total</b>	<b>\$ 106,454,452</b>

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
<b>Long-Term Debt Total</b>	<b>\$ 1,125,000,000</b>
Debt Discounts/Premiums	(1,534,732)
Unamortized Issuance Costs	(4,228,186)
Capital Leases	23,140,747
<b>Total</b>	<b>\$ 1,142,377,828</b>

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
<b>Long-Term Debt Total</b>	<b>\$ 850,000,000</b>
Debt Discounts/Premiums	(842,842)
Unamortized Issuance Costs	(4,021,862)
Capital Leases	15,357,110
<b>Total</b>	<b>\$ 860,492,406</b>

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
<b>Long-Term Debt Total</b>	<b>\$ 1,950,000,000</b>
Debt Discounts/Premiums	(6,482,219)
Unamortized Issuance Costs	(7,601,517)
<b>Total</b>	<b>\$ 1,935,916,264</b>

JCP&L Transition Funding LLC (AAA/Aaa)	
47214TAD1 6.16% Transition Bond due June 5, 2017	30,708,424
47215BAC1 5.52% Transition Bond due June 5, 2018	25,916,027
47215BAD9 5.61% Transition Bond due June 5, 2021	51,139,000
<b>Total</b>	<b>\$ 107,763,451</b>

Mon Power (BBB-/Baa2)	
41524CAU8 PCN 5.5% Series due October 15, 2037	73,500,000
<b>Fixed-Rate Tax-Exempt Pollution Control Note Total</b>	<b>\$ 73,500,000</b>
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
<b>Long-Term Debt Total</b>	<b>\$ 1,223,500,000</b>
Debt Discounts/Premiums	(1,334,298)
Unamortized Issuance Costs	(8,002,694)
Purchase Accounting	1,840,486
Capital Leases	4,926,300
<b>Total</b>	<b>\$ 1,220,929,793</b>

Mon Power Environmental Funding LLC (AAA/Aaa)	
553214AB3 5.233% Environmental Control Bond due July 15, 2019	53,935,271
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
<b>Long-Term Debt Total</b>	<b>\$ 300,590,271</b>
Unamortized Issuance Costs	(4,025,667)
Purchase Accounting	12,647,496
<b>Total</b>	<b>\$ 309,212,100</b>

Potomac Edison (BBB-/Baa2)	
737662BS4 First Mtg Bond 5.8% Series due October 15, 2016	100,000,000
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
<b>Long-Term Debt Total</b>	<b>\$ 445,000,000</b>
Unamortized Issuance Costs	(2,255,697)
Purchase Accounting	548,959
Capital Leases	4,407,167
<b>Total</b>	<b>\$ 447,700,430</b>

Potomac Edison Environmental Funding LLC (AAA/Aaa)	
69336NAB5 5.233% Environmental Control Bond due July 15, 2019	18,214,958
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
<b>Long-Term Debt Total</b>	<b>\$ 100,399,958</b>
Unamortized Issuance Costs	(1,411,995)
Purchase Accounting	4,226,669
<b>Total</b>	<b>\$ 103,214,633</b>

West Penn Power (BBB-/Baa1)	
955278BG0 First Mtg Bond 5.875% Series due August 15, 2016	145,000,000
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
<b>Long-Term Debt Total</b>	<b>\$ 670,000,000</b>
Unamortized Issuance Costs	(1,520,146)
Purchase Accounting	6,737,832
Capital Leases	7,920,652
<b>Total</b>	<b>\$ 683,138,339</b>

## Competitive Energy Long-Term Debt

Balances as of 6/30/2016

(unaudited)

FES (BBB-/Baa3)	
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
<b>Long-Term Debt Total</b>	<b>\$ 695,586,000</b>
Debt Discounts/Premiums	(967,571)
Unamortized Issuance Costs	(3,768,929)
<b>Total</b>	<b>\$ 690,849,500</b>

FE Generation	
677660UC4 PCN Series due October 1, 2018 (LOC: 3/2/17)	2,805,000
677525U28 PCN Series due October 1, 2018 (LOC: 3/2/17)	2,985,000
074876HE6 PCN Series due October 1, 2047 (LOC: 3/2/17)	46,300,000 (a)
708686DX5 PCN Series due June 1, 2028 (LOC: 3/2/17)	15,000,000 (a)
074876HK2 PCN Series due June 1, 2028 (LOC: 3/2/17)	25,000,000 (a)
<b>Variable-Rate Tax-Exempt Pollution Control Note Total</b>	<b>\$ 92,090,000</b>
677660UE0 PCN 2.25% Series due August 1, 2029 (Put: 9/15/16)	6,450,000
677525VB0 PCN 2.25% Series due August 1, 2029 (Put: 9/15/16)	100,000,000 (a)
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
<b>Fixed-Rate Tax-Exempt Pollution Control Note Total</b>	<b>\$ 1,083,105,000</b>
Other	10,115,038
<b>Long-Term Debt Total</b>	<b>\$ 1,185,310,038</b>
Unamortized Issuance Costs	(5,536,236)
Capital Leases	9,686,120
<b>Total</b>	<b>\$ 1,189,459,922</b>

FE Nuclear Generation	
074876HG1 PCN 2.2% Series due January 1, 2035 (Put: 7/1/16)	60,000,000 (a)
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
<b>Fixed-Rate Tax-Exempt Pollution Control Note Total</b>	<b>\$ 901,715,000</b>
SLB 9% TE BV2 Series due June 1, 2017	1,517,000
SLB 12% TE BV2 Series due June 1, 2017	199,604
SLB 8.68% OE BV2 Series due June 1, 2017	1,232,000
SLB 8.89% OE BV2 Series due June 1, 2017	5,452,000
<b>Fixed-Rate Sale-Leaseback Total</b>	<b>\$ 8,400,604</b>
<b>Long-Term Debt Total</b>	<b>\$ 910,115,604</b>
Unamortized Issuance Costs	(4,884,485)
<b>Total</b>	<b>\$ 905,231,119</b>

AE Supply (BBB-/Baa3)	
41524CAU8 PCN 5.5% Series due October 15, 2037	73,500,000
728896CF6 PCN 5.25% Series due October 15, 2037	142,000,000
<b>Fixed-Rate Tax-Exempt Pollution Control Note Total</b>	<b>\$ 215,500,000</b>
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
<b>Long-Term Debt Total</b>	<b>\$ 521,066,000</b>
Purchase Accounting	(27,904,675)
Capital Leases	20,241
<b>Total</b>	<b>\$ 493,181,567</b>

Allegheny Generating (BBB-/Baa3)	
017364 C*9 Senior Note 5.06% Series due July 15, 2021	100,000,000
<b>Long-Term Debt Total</b>	<b>\$ 100,000,000</b>
Unamortized Issuance Costs	(349,326)
<b>Total</b>	<b>\$ 99,650,674</b>

Note:

(a) Does not reflect tax-exempt pollution control revenue bond activity occurring after June 30, 2016. Please see the current report on Form 8-K dated August 3, 2016 for FE and FES.

## FirstEnergy Transmission Long-Term Debt

Balances as of 6/30/2016

(unaudited)

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
<b>Long-Term Debt Total</b>	<b>\$ 1,000,000,000</b>
Debt Discounts/Premiums	(1,679,736)
Unamortized Issuance Costs	(7,825,931)
<b>Total</b>	<b>\$ 990,494,333</b>

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
<b>Long-Term Debt Total</b>	<b>\$ 950,000,000</b>
Debt Discounts/Premiums	(3,895,304)
Unamortized Issuance Costs	(6,521,820)
<b>Total</b>	<b>\$ 939,582,876</b>

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
<b>Long-Term Debt Total</b>	<b>\$ 625,000,000</b>
Debt Discounts/Premiums	(355,926)
Unamortized Issuance Costs	(4,221,341)
<b>Total</b>	<b>\$ 620,422,732</b>