

## FirstEnergy Long-Term Debt Summary

Balances as of 03/31/2017

(unaudited)

FirstEnergy Corp. (BBB-/Baa3/BBB-)	
Term Loan due December 6, 2021	1,200,000,000
Term Loans due February 16, 2020	250,000,000
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>\$ 4,450,000,000</b>
Debt Discounts/Premiums	(328,433)
Unamortized Issuance Costs	(9,986,028)
<b>Total</b>	<b>\$ 4,439,685,539</b>
<b>Ohio Edison</b>	<b>656,448,848</b>
<b>OE Funding LLC</b>	<b>132,959,183</b>
<b>CEI</b>	<b>1,338,120,279</b>
<b>CEI Funding LLC</b>	<b>154,824,204</b>
<b>Toledo Edison</b>	<b>355,425,479</b>
<b>TE Funding LLC</b>	<b>39,273,373</b>
<b>Penn Power</b>	<b>154,910,705</b>
<b>West Penn Power</b>	<b>632,724,356</b>
<b>Penelec</b>	<b>1,139,864,419</b>
<b>Met-Ed</b>	<b>858,758,923</b>
<b>JCP&amp;L</b>	<b>1,937,334,213</b>
<b>JCP&amp;L Transition Funding LLC</b>	<b>74,101,130</b>
<b>Mon Power</b>	<b>1,068,518,990</b>
<b>Mon Power Environmental Funding LLC</b>	<b>292,721,907</b>
<b>Potomac Edison</b>	<b>500,287,407</b>
<b>Potomac Edison Environmental Funding LLC</b>	<b>97,712,392</b>
	<b>\$ 9,433,985,807</b>
<b>FirstEnergy Solutions Corp.</b>	<b>691,124,808</b>
<b>FE Generation LLC</b>	<b>1,145,940,949</b>
<b>FE Nuclear Generation LLC</b>	<b>1,125,269,163</b>
<b>AE Supply</b>	<b>493,938,062</b>
<b>Allegheny Generating</b>	<b>99,702,669</b>
	<b>\$ 3,555,975,650</b>
<b>FET</b>	<b>990,988,318</b>
<b>ATSI</b>	<b>940,072,958</b>
<b>TrAIL</b>	<b>620,807,059</b>
	<b>\$ 2,551,868,334</b>
<b>Sale-leaseback Bonds Elimination</b>	<b>\$ (1,720,698)</b>
<b>Other Eliminations</b>	<b>\$ (73,500,000)</b>
<b>Misc Capital Leases</b>	<b>\$ 2,520,801</b>
<b>Grand Total</b>	<b>\$ 19,908,815,433</b>

## FirstEnergy Utilities Long-Term Debt

Balances as of 03/31/2017

Ohio Edison (BBB-/Baa1)	
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
<b>Secured First Mortgage Bond Total</b>	<b>\$ 300,000,000</b>
677347CE4 Senior Note 6.875% Series due July 15, 2036	350,000,000
<b>Long-Term Debt Total</b>	<b>\$ 650,000,000</b>
Debt Discounts/Premiums	(8,192,729)
Unamortized Issuance Costs	(2,374,694)
Capital Leases	17,016,270
<b>Total</b>	<b>\$ 656,448,848</b>

OE Funding LLC (AAA/Aaa)	
33766QAB3 1.726% Phase-In Recovery Bond due January 15, 2020	9,347,183
33766QAC1 3.450% Phase-In Recovery Bond due January 15, 2034	123,612,000
<b>Secured Long-Term Debt Total</b>	<b>\$ 132,959,183</b>

CEI (BBB-/Baa3)	
186108BU9 First Mtg Bond 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
<b>Secured First Mortgage Bond Total</b>	<b>\$ 900,000,000</b>
186108CF1 Senior Note 5.7% Series due April 1, 2017	130,000,000
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	(1,780,622)
Unamortized Issuance Costs	(3,702,953)
Capital Leases	13,603,853
<b>Total</b>	<b>\$ 1,338,120,279</b>

CEI Funding LLC (AAA/Aaa)	
33766QAB3 1.726% Phase-In Recovery Bond due January 15, 2020	51,664,204
33766QAC1 3.450% Phase-In Recovery Bond due January 15, 2034	103,160,000
<b>Secured Long-Term Debt Total</b>	<b>\$ 154,824,204</b>

Toledo Edison (BBB-/Baa3)	
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
<b>Secured First Mortgage Bond Total</b>	<b>\$ 350,000,000</b>
Debt Discounts/Premiums	(417,620)
Unamortized Issuance Costs	(1,996,230)
Capital Leases	7,839,329
<b>Total</b>	<b>\$ 355,425,479</b>

TE Funding LLC (AAA/Aaa)	
33766QAB3 1.726% Phase-In Recovery Bond due January 15, 2020	3,562,373
33766QAC1 3.450% Phase-In Recovery Bond due January 15, 2034	35,711,000
<b>Secured Long-Term Debt Total</b>	<b>\$ 39,273,373</b>

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
<b>Secured First Mortgage Bond Total</b>	<b>\$ 152,955,000</b>
Unamortized Issuance Costs	(1,303,391)
Capital Leases	3,259,096
<b>Total</b>	<b>\$ 154,910,705</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>Unsecured Long-Term Debt Total</b>	<b>\$ 1,125,000,000</b>
Debt Discounts/Premiums	(1,282,650)
Unamortized Issuance Costs	(3,733,831)
Capital Leases	19,880,901
<b>Total</b>	<b>\$ 1,139,864,419</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>Unsecured Long-Term Debt Total</b>	<b>\$ 850,000,000</b>
Debt Discounts/Premiums	(763,344)
Unamortized Issuance Costs	(3,506,288)
Capital Leases	13,028,555
<b>Total</b>	<b>\$ 858,758,923</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>Unsecured Long-Term Debt Total</b>	<b>\$ 1,950,000,000</b>
Debt Discounts/Premiums	(5,846,389)
Unamortized Issuance Costs	(6,819,398)
<b>Total</b>	<b>\$ 1,937,334,213</b>

JCP&L Transition Funding LLC (AAA/Aaa)	
47214TAD1 6.16% Transition Bond due June 5, 2017	7,471,877
47215BAC1 5.52% Transition Bond due June 5, 2018	15,490,253
47215BAD9 5.61% Transition Bond due June 5, 2021	51,139,000
<b>Secured Long-Term Debt Total</b>	<b>\$ 74,101,130</b>

Mon Power (BBB-/Baa2)	
41524CAU8 PCN 5.5% Series due October 15, 2037	73,500,000
<b>Secured Fixed-Rate Tax-Exempt Pollution Control Note Total</b>	<b>\$ 73,500,000</b>
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>Secured First Mortgage Bond Total</b>	<b>\$ 1,000,000,000</b>
<b>Secured Long-Term Debt Total</b>	<b>\$ 1,073,500,000</b>
Debt Discounts/Premiums	(1,274,256)
Unamortized Issuance Costs	(7,615,631)
Capital Leases	3,908,877
<b>Total</b>	<b>\$ 1,068,518,990</b>

Mon Power Environmental Funding LLC (AAA/Aaa)	
553214AB3 5.233% Environmental Control Bond due July 15, 2019	38,613,409
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>Secured Long-Term Debt Total</b>	<b>\$ 285,268,409</b>
Unamortized Issuance Costs	(3,728,997)
Purchase Accounting	11,182,495
<b>Total</b>	<b>\$ 292,721,907</b>

Potomac Edison (BBB-/Baa2)	
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
<b>Secured First Mortgage Bond Total</b>	<b>\$ 500,000,000</b>
Unamortized Issuance Costs	(3,294,549)
Capital Leases	3,581,956
<b>Total</b>	<b>\$ 500,287,407</b>

Potomac Edison Environmental Funding LLC (AAA/Aaa)	
69336NAB5 5.233% Environmental Control Bond due July 15, 2019	13,100,628
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>Secured Long-Term Debt Total</b>	<b>\$ 95,285,628</b>
Unamortized Issuance Costs	(1,308,206)
Purchase Accounting	3,734,970
<b>Total</b>	<b>\$ 97,712,392</b>

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
<b>Secured First Mortgage Bond Total</b>	<b>\$ 625,000,000</b>
Unamortized Issuance Costs	(2,173,660)
Purchase Accounting	3,073,090
Capital Leases	6,824,926
<b>Total</b>	<b>\$ 632,724,356</b>

## Competitive Energy Long-Term Debt

Balances as of 03/31/2017

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
<b>Unsecured Long-Term Debt Total</b>	<b>\$</b>	<b>695,586,000</b>
Debt Discounts/Premiums		(935,864)
Unamortized Issuance Costs		(3,525,328)
<b>Total</b>	<b>\$</b>	<b>691,124,808</b>

FE Generation		
074876HJ5 PCN 2.5% Series due December 1, 2041 (Put: 6/1/17)		129,610,000
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>Unsecured Fixed-Rate Tax-Exempt Pollution Control Note Total</b>	<b>\$</b>	<b>806,870,000</b>
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
<b>Secured Fixed-Rate Tax-Exempt Pollution Control Note Total</b>	<b>\$</b>	<b>327,560,000</b>
Other		10,050,430
<b>Long-Term Debt Total</b>	<b>\$</b>	<b>1,144,480,430</b>
Unamortized Issuance Costs		(5,148,950)
Capital Leases		6,609,469
<b>Total</b>	<b>\$</b>	<b>1,145,940,949</b>

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
<b>Unsecured Fixed-Rate Tax-Exempt Pollution Control Note Total</b>	<b>\$</b>	<b>841,715,000</b>
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
<b>Secured Fixed-Rate Tax-Exempt Pollution Control Note Total</b>	<b>\$</b>	<b>284,600,000</b>
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
<b>Fixed-Rate Sale-Leaseback Total</b>	<b>\$</b>	<b>5,095,604</b>
<b>Long-Term Debt Total</b>	<b>\$</b>	<b>1,131,410,604</b>
Unamortized Issuance Costs		(6,141,441)
<b>Total</b>	<b>\$</b>	<b>1,125,269,163</b>

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
<b>Secured Fixed-Rate Tax-Exempt Pollution Control Note Total</b>	<b>\$</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>\$</b>	<b>521,066,000</b>
Purchase Accounting		(27,127,938)
<b>Total</b>	<b>\$</b>	<b>493,938,062</b>

Allegheny Generating (BB-/Baa3)		
017364 C*9 Senior Note 5.06% Series due July 15, 2021		100,000,000
<b>Unsecured Long-Term Debt Total</b>	<b>\$</b>	<b>100,000,000</b>
Unamortized Issuance Costs		(297,331)
<b>Total</b>	<b>\$</b>	<b>99,702,669</b>

## FirstEnergy Transmission Long-Term Debt

Balances as of 03/31/2017

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>Unsecured Long-Term Debt Total</b>	<b>\$ 1,000,000,000</b>
Debt Discounts/Premiums	(1,632,162)
Unamortized Issuance Costs	(7,379,520)
<b>Total</b>	<b>\$ 990,988,318</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>Unsecured Long-Term Debt Total</b>	<b>\$ 950,000,000</b>
Debt Discounts/Premiums	(3,774,425)
Unamortized Issuance Costs	(6,152,617)
<b>Total</b>	<b>\$ 940,072,958</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>Unsecured Long-Term Debt Total</b>	<b>\$ 625,000,000</b>
Debt Discounts/Premiums	(325,998)
Unamortized Issuance Costs	(3,866,943)
<b>Total</b>	<b>\$ 620,807,059</b>