

## FirstEnergy Long-Term Debt Summary

Balances as of 09/30/2017

(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
<b>Long-Term Debt Total</b>	<b>\$ 6,800,000,000</b>
Debt Discounts/Premiums	(15,501,835)
Unamortized Issuance Costs	(34,760,341)
<b>Total</b>	<b>\$ 6,749,737,824</b>
<b>Ohio Edison</b>	655,069,042
<b>OE Funding LLC</b>	131,251,593
<b>CEI</b>	1,212,003,874
<b>CEI Funding LLC</b>	145,539,769
<b>Toledo Edison</b>	354,767,277
<b>TE Funding LLC</b>	38,649,691
<b>Penn Power</b>	154,219,351
<b>West Penn Power</b>	728,928,809
<b>Penelec</b>	1,135,411,626
<b>Met-Ed</b>	857,681,462
<b>JCP&amp;L</b>	1,696,586,993
<b>JCP&amp;L Transition Funding LLC</b>	59,751,194
<b>Mon Power</b>	1,315,784,687
<b>Mon Power Environmental Funding LLC</b>	283,910,195
<b>Potomac Edison</b>	499,636,741
<b>Potomac Edison Environmental Funding LLC</b>	94,714,449
	<b>\$ 9,363,906,753</b>
<b>FirstEnergy Solutions Corp.</b>	691,308,347
<b>FE Generation LLC</b>	1,014,558,930
<b>FE Nuclear Generation LLC</b>	1,120,355,587
<b>AE Supply</b>	494,455,887
<b>Allegheny Generating</b>	99,737,332
	<b>\$ 3,420,416,082</b>
<b>FET</b>	991,318,782
<b>ATSI</b>	1,089,576,903
<b>TrAIL</b>	621,064,251
	<b>\$ 2,701,959,936</b>
<b>Other Eliminations</b>	<b>\$ (73,500,000)</b>
<b>Misc Capital Leases</b>	<b>\$ 2,194,438</b>
<b>Grand Total</b>	<b>\$ 22,164,715,034</b>

## FirstEnergy Utilities Long-Term Debt

Balances as of 09/30/2017

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
<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	(7,975,700)
Unamortized Issuance Costs	(2,299,884)
Capital Leases	15,344,627
<b>Total</b>	<b>\$ 655,069,042</b>

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
<b>Secured Long-Term Debt Total</b>	<b>\$ 131,251,593</b>

CEI (BBB-/Baa3/BBB)	
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>
186108CE4 Senior Note 5.95% Series due December 15, 2036	300,000,000
<b>Long-Term Debt Total</b>	<b>\$ 1,200,000,000</b>
Debt Discounts/Premiums	(1,724,378)
Unamortized Issuance Costs	(3,426,680)
Capital Leases	17,154,933
<b>Total</b>	<b>\$ 1,212,003,874</b>

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
<b>Secured Long-Term Debt Total</b>	<b>\$ 145,539,769</b>

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
<b>Secured First Mortgage Bond Total</b>	<b>\$ 350,000,000</b>
Debt Discounts/Premiums	(390,661)
Unamortized Issuance Costs	(1,944,282)
Capital Leases	7,102,220
<b>Total</b>	<b>\$ 354,767,277</b>

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
<b>Secured Long-Term Debt Total</b>	<b>\$ 38,649,691</b>

Penn Power (BBB-/Baa1/BBB)	
7090689O0 First Mtg Bond 9.74% Series due November 1, 2019	2,468,000
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>\$ 152,468,000</b>
Unamortized Issuance Costs	(1,238,036)
Capital Leases	2,989,387
<b>Total</b>	<b>\$ 154,219,351</b>

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
<b>Unsecured Long-Term Debt Total</b>	<b>\$ 1,125,000,000</b>
Debt Discounts/Premiums	(1,545,434)
Unamortized Issuance Costs	(5,830,206)
Capital Leases	17,787,266
<b>Total</b>	<b>\$ 1,135,411,626</b>

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
<b>Unsecured Long-Term Debt Total</b>	<b>\$ 850,000,000</b>
Debt Discounts/Premiums	(710,346)
Unamortized Issuance Costs	(3,162,506)
Capital Leases	11,554,314
<b>Total</b>	<b>\$ 857,681,462</b>

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
476556CX1 Senior Note 6.15% Series due June 1, 2037	300,000,000
<b>Unsecured Long-Term Debt Total</b>	<b>\$ 1,700,000,000</b>
Debt Discounts/Premiums	(5,505,786)
Unamortized Issuance Costs	(6,310,227)
Capital Leases	8,403,006
<b>Total</b>	<b>\$ 1,696,586,993</b>

JCP&L Transition Funding LLC (AAA/Aaa/AAA)	
47215BAC1 5.52% Transition Bond due June 5, 2018	8,612,194
47215BAD9 5.61% Transition Bond due June 5, 2021	51,139,000
<b>Secured Long-Term Debt Total</b>	<b>\$ 59,751,194</b>

Mon Power (BBB-/Baa2/BBB-)	
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
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
<b>Secured First Mortgage Bond Total</b>	<b>\$ 1,250,000,000</b>
<b>Secured Long-Term Debt Total</b>	<b>\$ 1,323,500,000</b>
Debt Discounts/Premiums	(1,335,289)
Unamortized Issuance Costs	(9,788,734)
Capital Leases	3,408,710
<b>Total</b>	<b>\$ 1,315,784,687</b>

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
<b>Secured Long-Term Debt Total</b>	<b>\$ 277,250,785</b>
Unamortized Issuance Costs	(3,546,417)
Purchase Accounting	10,205,827
<b>Total</b>	<b>\$ 283,910,195</b>

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
<b>Secured First Mortgage Bond Total</b>	<b>\$ 500,000,000</b>
Unamortized Issuance Costs	(3,236,677)
Capital Leases	2,873,418
<b>Total</b>	<b>\$ 499,636,741</b>

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
<b>Secured Long-Term Debt Total</b>	<b>\$ 92,551,431</b>
Unamortized Issuance Costs	(1,244,152)
Purchase Accounting	3,407,171
<b>Total</b>	<b>\$ 94,714,449</b>

West Penn Power (BBB-/A3/BBB)	
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
955278B#2 First Mtg Bond 4.09% Series due September 15, 2047	100,000,000
<b>Secured First Mortgage Bond Total</b>	<b>\$ 725,000,000</b>
Unamortized Issuance Costs	(2,747,667)
Purchase Accounting	895,310
Capital Leases	5,781,167
<b>Total</b>	<b>\$ 728,928,809</b>

## Competitive Energy Long-Term Debt

Balances as of 09/30/2017

FES (CCC-/Caaf/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	
<b>Unsecured Long-Term Debt Total</b>	<b>\$ 695,586,000</b>	
Debt Discounts/Premiums	(914,726)	
Unamortized Issuance Costs	(3,362,927)	
<b>Total</b>	<b>\$ 691,308,347</b>	

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	
<b>Unsecured Fixed-Rate Tax-Exempt Pollution Control Note Total</b>	<b>\$ 677,260,000</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>\$ 327,560,000</b>	
Other	9,995,180	
<b>Long-Term Debt Total</b>	<b>\$ 1,014,815,180</b>	
Unamortized Issuance Costs	(4,126,642)	
Capital Leases	3,870,392	
<b>Total</b>	<b>\$ 1,014,558,930</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>\$ 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>\$ 284,600,000</b>	
<b>Long-Term Debt Total</b>	<b>\$ 1,126,315,000</b>	
Unamortized Issuance Costs	(5,959,413)	
<b>Total</b>	<b>\$ 1,120,355,587</b>	

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	
<b>Secured 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	(26,610,113)	
<b>Total</b>	<b>\$ 494,455,887</b>	

Allegheny Generating (B+/Baa3/B+)		
017364 C*9 Senior Note 5.06% Series due July 15, 2021	100,000,000	
<b>Unsecured Long-Term Debt Total</b>	<b>\$ 100,000,000</b>	
Unamortized Issuance Costs	(262,668)	
<b>Total</b>	<b>\$ 99,737,332</b>	

## FirstEnergy Transmission Long-Term Debt

Balances as of 09/30/2017

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
<b>Unsecured Long-Term Debt Total</b>	<b>\$ 1,000,000,000</b>
Debt Discounts/Premiums	(1,600,446)
Unamortized Issuance Costs	(7,080,771)
<b>Total</b>	<b>\$ 991,318,782</b>

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
<b>Unsecured Long-Term Debt Total</b>	<b>\$ 1,100,000,000</b>
Debt Discounts/Premiums	(3,693,839)
Unamortized Issuance Costs	(6,729,259)
<b>Total</b>	<b>\$ 1,089,576,903</b>

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
<b>Unsecured Long-Term Debt Total</b>	<b>\$ 625,000,000</b>
Debt Discounts/Premiums	(306,046)
Unamortized Issuance Costs	(3,629,703)
<b>Total</b>	<b>\$ 621,064,251</b>