

FirstEnergy Long-Term Debt Summary

9/30/2018

(unaudited)

FirstEnergy Corp. (BBB/Baa3/BBB-)		
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	\$ 5,350,000,000	
Debt Discounts/Premiums	(16,250,110)	
Unamortized Issuance Costs	(28,681,388)	
Total	\$ 5,305,068,502	
Ohio Edison	652,367,588	
OE Funding LLC	127,840,985	
CEI	1,256,353,409	
CEI Funding LLC	126,794,345	
Toledo Edison	353,457,895	
TE Funding LLC	37,360,500	
Penn Power	152,833,864	
West Penn Power	724,461,052	
Penelec	1,132,119,752	
Met-Ed	855,990,447	
JCP&L	1,547,906,532	
JCP&L Transition Funding LLC	45,016,448	
Mon Power	1,314,477,609	
Mon Power Environmental Funding LLC	265,766,280	
Potomac Edison	498,657,782	
Potomac Edison Environmental Funding LLC	88,660,908	
	\$ 9,180,065,396	
FET	991,978,342	
ATSI	1,189,708,686	
MAIT	446,054,644	
TrAIL	621,577,466	
	\$ 3,249,319,139	
Misc Capital Leases	\$ 1,593,795	
Grand Total	\$ 17,736,046,831	

FirstEnergy Utilities Long-Term Debt

9/30/2018

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	(7,541,644)
Unamortized Issuance Costs	(2,159,510)
Capital Leases	12,068,741
Total	\$ 652,367,588

OE Funding LLC (AAA/Aaa/AAA)	
33766QAB3 1.726% Phase-In Recovery Bond due January 15, 2020	4,228,985
33766QAC1 3.450% Phase-In Recovery Bond due January 15, 2034	123,612,000
Secured Long-Term Debt Total	\$ 127,840,985

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	(2,509,841)
Unamortized Issuance Costs	(5,755,515)
Capital Leases	14,618,764
Total	\$ 1,256,353,409

CEI Funding LLC (AAA/Aaa/AAA)	
33766QAB3 1.726% Phase-In Recovery Bond due January 15, 2020	23,634,345
33766QAC1 3.450% Phase-In Recovery Bond due January 15, 2034	103,160,000
Secured Long-Term Debt Total	\$ 126,794,345

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	(336,743)
Unamortized Issuance Costs	(1,840,518)
Capital Leases	5,635,155
Total	\$ 353,457,895

TE Funding LLC (AAA/Aaa/AAA)	
33766QAB3 1.726% Phase-In Recovery Bond due January 15, 2020	1,649,500
33766QAC1 3.450% Phase-In Recovery Bond due January 15, 2034	35,711,000
Secured Long-Term Debt Total	\$ 37,360,500

Penn Power (BBB/Baa1/BBB)	
7090689O0 First Mtg Bond 9.74% Series due November 1, 2019	1,494,000
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	\$ 151,494,000
Unamortized Issuance Costs	(1,112,163)
Capital Leases	2,452,027
Total	\$ 152,833,864

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	(1,257,928)
Unamortized Issuance Costs	(5,572,159)
Capital Leases	13,949,840
Total	\$ 1,132,119,752

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	(604,349)
Unamortized Issuance Costs	(2,475,021)
Capital Leases	9,069,817
Total	\$ 855,990,447

JCP&L (BBB/Baa2/BBB-)	
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	\$ 1,550,000,000
Debt Discounts/Premiums	(4,929,973)
Unamortized Issuance Costs	(5,330,839)
Capital Leases	8,167,343
Total	\$ 1,547,906,532

JCP&L Transition Funding LLC (AAA/Aaa/AAA)	
47215BAD9 5.61% Transition Bond due June 5, 2021	45,016,448
Secured Long-Term Debt Total	\$ 45,016,448

Mon Power (BBB/Baa2/BBB-)	
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
41524CAV6 PCN 3.00% Series due October 15, 2037	73,500,000
Long-Term Debt Total	\$ 1,323,500,000
Debt Discounts/Premiums	(1,244,730)
Unamortized Issuance Costs	(9,829,959)
Capital Leases	2,052,299
Total	\$ 1,314,477,609

Mon Power Environmental Funding LLC (AAA/Aaa/AAA)	
553214AB3 5.233% Environmental Control Bond due July 15, 2019	14,040,045
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	\$ 260,695,045
Unamortized Issuance Costs	(3,181,257)
Purchase Accounting	8,252,492
Total	\$ 265,766,280

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	(3,120,973)
Capital Leases	1,778,755
Total	\$ 498,657,782

Potomac Edison Environmental Funding LLC (AAA/Aaa/AAA)	
69336NAB5 5.233% Environmental Control Bond due July 15, 2019	4,840,382
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	\$ 87,025,382
Unamortized Issuance Costs	(1,116,046)
Purchase Accounting	2,751,572
Total	\$ 88,660,908

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	(4,290,837)
Capital Leases	3,751,889
Total	\$ 724,461,052

FirstEnergy Transmission Long-Term Debt

9/30/2018

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	(1,537,014)
Unamortized Issuance Costs	(6,484,643)
Total	\$ 991,978,342

MAIT (BBB/Baa1/BBB)	
59524QAA3 Senior Note 4.10% Series due May 15, 2028	450,000,000
Unsecured Long-Term Debt Total	\$ 450,000,000
Debt Discounts/Premiums	(108,100)
Unamortized Issuance Costs	(3,837,256)
Total	\$ 446,054,644

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
030288B*4 Senior Note 4.32% Series due October 1, 2030	100,000,000
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	\$ 1,200,000,000
Debt Discounts/Premiums	(3,532,667)
Unamortized Issuance Costs	(6,758,647)
Total	\$ 1,189,708,686

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	(266,141)
Unamortized Issuance Costs	(3,156,393)
Total	\$ 621,577,466