

High Grade Utilities & Power

The Investment Grid - Weekly Recap

Industry Overview

IG Utilities relative performance

The IG Utility Index outperformed the broader IG market for the week ending February 2, 2024, returning 0.86% vs. 0.52% for the ICE BofA US IG Index. On average, OpCo and HoldCo spreads each widened by 3 bps.

This week's best and worst performers

The best performing OpCo bonds this week were Metropolitan Edison Co. 4.00% senior notes due '25, KeySpan Gas East Corp. 2.742% senior notes due '26, and PPL Electric Utilities Corp. 5.20% secured notes due '41. The worst performing OpCo bonds this week were FirstEnergy Transmission 5.45% senior notes due '44, San Diego Gas and Electric 3.00% secured notes due '32, and Sierra Pacific Power Co. 6.75% secured notes due '37.

The best performing HoldCo bonds this week were Spire 4.70% senior notes due '44, Vistra Operations Co. 5.125% secured notes due '25, and Puget Energy 4.10% secured notes due '30. The worst performing HoldCo bonds this week were Eversource Energy 3.35% senior notes due '26, Southern Co. 5.325% junior subordinated notes due '57, and CMS Energy Corp. 3.75% junior subordinated notes due '30.

New Issuance

New issues this week totaled \$4.9bn, led by NextEra Energy Capital Holdings, which came to market for \$4.4bn in first mortgage bonds. Utilities have issued ~\$19.3bn of bonds YTD.

05 February 2024

High Grade Credit United States Flectric Utilities

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Antoine Aurimond, CFA

Research Analyst BofAS +1 646 855 8284 antoine.aurimond@bofa.com

Taiyadi Espino Research Analyst BofAS +1 646 855 8207 taiyadi.espino@bofa.com

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Refer to important disclosures on page 13 to 15.

Top headlines, week ending February 2, 2024

Georgia Power delays Vogtle unit 4 in-service date

On Feb 1, Southern Company (SO) subsidiary Georgia Power announced that the inservice date of its Vogtle unit 4 reactor will be pushed back to 2Q 2024 after discovering issues in the startup and pre-operational testing phases. The company does not expect the delay to result in an increase to its total project cost forecast of \$8.3 billion as potential cost overruns were considered in the estimate. However, additional delays beyond 2Q would result in an estimated \$15 million per month, excluding ancillary costs associated with project completion. Additionally, Georgia Power notes that if commercial operation isn't achieved by Mach 31, 2024, the ROE used to determine the Nuclear Construction Cost Recovery tariff and to calculate the allowance for funds used during construction will decline to zero, causing a negative earnings impact of approximately \$30 million per month until the month following the date of commercial operation.

Dominion receives final federal approvals for its Coastal Virginia Offshore Wind project

On Jan 30, Dominion Energy announced it received approval from the Bureau of Ocean Energy Management (BOEM) and the U.S. Army Corps of Engineers to begin construction of its 2.6 GW Coastal Virginia Offshore Wind (CVOW) project. The company expects to begin construction in the second quarter of 2024. Completion of the project is expected in late 2026.



Rating actions, week ending February 2, 2024

FE: FirstEnergy and subsidiaries affirmed at BBB- by S&P following implementation of new M&G criteria

Under its new management and governance (M&G) criteria, S&P has assigned an M&G assessment of moderately negative to FE and its subsidiaries. The negative assessment reflects pending lawsuits and investigations into the company concerning the actions of its previous management and governance shortfalls, relating to House Bill 6 in Ohio. Nevertheless, S&P notes the negative M&G score is reflected in FE's current issuer rating, thus affirming the rating and positive credit outlook. S&P continues to expect that at the close of its 30% interest sale in FirstEnergy Transmission, FE's financial measures will increase. Specifically, the rating agency expects FE's FFO/Debt will improve to comfortably above 12%.



4Q Earnings Highlights

- CMS Energy (CMS Not Covered) reported 4Q23 Adj. EPS of \$1.05, \$0.01 higher than consensus of \$1.04 and up \$0.45 vs. 4Q22 of \$0.60. CMS raised FY24 Adj. EPS guidance to \$3.29-3.35 (\$3.34 cons.) from \$3.27-3.33 and reaffirmed its long-term EPS growth rate of 6-8% with confidence towards the high end. Notably, the company increased its 5-year capex plan by \$1.5bn to \$17bn. Remaining 2024 planned financings include \$700mn of OpCo FMBs.
- WEC Energy Group (WEC Not Covered) reported 4Q23 Adj. EPS of \$1.10, \$0.02 higher than cons. of \$1.08; up \$0.30 vs. 4Q22 of \$0.80. The company recorded a non-cash charge of \$0.41 related to capital investments that were disallowed by the Illinois Commerce Commission. Per its Jan. 9 investor update, WEC's 2024 financing plans include \$700-1,200mn of HoldCo debt, \$1,900-2,300mn of OpCo debt, and equity between \$100mn and \$200mn.

Utilities vs. IG Index: Performance for week ending February 2, 2024

Exhibit 1: Utilities vs. IG Index

Utilities returned 0.86% vs. 0.52% for the IG Index

Sector	Total Return % 1-wk	Rank	Total Return % YTD	Rank
Services	1.09%	1	-0.36%	8
Utility	0.86%	2	-0.36%	9
Transportation	0.74%	3	-0.73%	17
Energy	0.71%	4	-0.28%	7
Basic Industry	0.68%	5	-0.43%	10
Healthcare	0.67%	6	-0.66%	14
Telecommunications	0.65%	7	-0.58%	11
Media	0.62%	8	-0.69%	16
Insurance	0.60%	9	0.08%	4
Capital Goods	0.54%	10	-0.60%	12
Retail	0.53%	11	-0.75%	18
Consumer Goods	0.53%	12	-0.66%	14
Real Estate	0.39%	13	-0.02%	6
Technology & Electronics	0.37%	14	-0.64%	13
Leisure	0.35%	15	0.13%	2
Financial Services	0.32%	16	0.09%	3
Automotive	0.27%	17	0.08%	5
Banking	0.25%	18	0.22%	1
IG Index	0.52%		-0.28%	

Source: ICE Data Indices, LLC

OpCos: Top-10 bond leaders and laggards, week ending February 2, 2024

Leaders

Exhibit 2: OpCo Leaders, YTD

 $Metropolitan\ Edison\ Co\ 4.00\%\ senior\ notes\ are\ the\ best\ performing\ OpCo\ bonds\ YTD$

Rank	Ticker	Company	Bond	Maturity	Rating	STW	1-Wk Δ STW
1	FE	Metropolitan Edison Company	4.000% Senior due 2025	4/15/25	BBB1	96	(50)
2	NGGLN	KeySpan Gas East Corporation	2.742% Senior due 2026	8/15/26	BBB1	122	(26)
3	PPL	PPL Electric Utilities Corporation	5.200% Secured due 2041	7/15/41	A1	118	(22)
4	EXC	Baltimore Gas & Electric Company	2.400% Senior due 2026	8/15/26	A2	38	(15)
5	AEP	AEP Texas Inc	3.950% Senior due 2028	6/1/28	BBB1	82	(12)
6	OGE	Oklahoma Gas and Electric Company	5.250% Senior due 2041	5/15/41	A3	133	(12)
7	FE	Ohio Edison Company	8.250% Secured due 2038	10/15/38	A2	150	(11)
8	PNM	Public Service Company of New Mexico	3.850% Senior due 2025	8/1/25	BBB2	93	(11)
9	EVRG	Evergy Kansas Central Inc.	4.625% Secured due 2043	9/1/43	A2	139	(10)
10	CNP	CenterPoint Energy Resources Corp.	4.000% Senior due 2028	4/1/28	A3	53	(9)

Source: ICE Data Indices, LLC

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Laggards

Exhibit 3: OpCo Laggards, YTD

FirstEnergy Transmission 5.45% senior notes are the worst performing OpCo bonds YTD

Rank	Ticker	Company	Bond	Maturity	Rating	STW	1-Wk Δ STW
1	FE	FirstEnergy Transmission Llc	5.450% Senior due 2044	7/15/44	BBB3	149	19
2	SRE	San Diego Gas & Electric Company	3.000% Secured due 2032	3/15/32	A2	85	19
3	BRKHEC	Sierra Pacific Power Company	6.750% Secured due 2037	7/1/37	A2	171	18
4	NGGLN	Massachusetts Electric Company	5.900% Senior due 2039	11/15/39	BBB1	166	16
5	ED	Consolidated Edison Company of New York Inc.	3.800% Senior due 2028	5/15/28	A3	82	15
6	EIX	Southern California Edison Company	6.000% Secured due 2034	1/15/34	A3	116	14
7	FE	The Cleveland Electric Illuminating Company	5.950% Senior due 2036	12/15/36	BBB2	169	14
8	PCG	Pacific Gas and Electric Company	4.450% Senior due 2042	4/15/42	BBB3	186	14



Exhibit 3: OpCo Laggards, YTD

FirstEnergy Transmission 5.45% senior notes are the worst performing OpCo bonds YTD

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10	DUK	Duke Energy Ohio	3.700% Secured due 2046	6/15/46	A2	110	13	

Source: ICE Data Indices, LLC

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HoldCos: Top-10 bond leaders and laggards, week ending February 2, 2024

Leaders

Exhibit 4: HoldCo Leaders, YTD

Spire 4.70% senior notes are the best performing HoldCo bonds YTD

Rank	Ticker	Company	Bond	Maturity	Rating	STW	1-Wk Δ STW
1	SR	Spire Inc	4.700% Senior due 2044	8/15/44	BBB2	176	(15)
2	VST	Vistra Operations Co LLC	5.125% Secured due 2025	5/13/25	BBB3	107	(14)
3	PSD	Puget Energy Inc	4.100% Secured due 2030	6/15/30	BBB3	160	(13)
4	PSD	Puget Energy Inc	5.483% Secured due 2035	6/1/35	A2	125	(10)
5	ITC	ITC Holdings Corporation	5.300% Senior due 2043	7/1/43	BBB2	132	(9)
6	PSD	Puget Energy Inc	5.757% Secured due 2039	10/1/39	A2	123	(9)
7	WEC	WEC Energy Group Inc.	5.000% Senior due 2025	9/27/25	BBB1	56	(9)
8	NFG	National Fuel Gas Company	4.750% Senior due 2028	9/1/28	BBB3	137	(8)
9	SO	Southern Co.	3.250% Senior due 2026	7/1/26	BBB2	56	(8)
10	CNP	Centerpoint Energy Inc	2.950% Senior due 2030	3/1/30	BBB2	110	(7)

Source: ICE Data Indices, LLC

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Laggards

Exhibit 5: HoldCo Laggards, YTD

Eversource Energy 3.350% senior notes are the worst performing HoldCo bonds YTD

Rank	Ticker	Company	Bond	Maturity	Rating	STW	1-Wk Δ STW
1	ES	Eversource Energy	3.350% Senior due 2026	3/15/26	BBB2	114	27
2	SO	Southern Co.	5.325% Junior subordinated due 2057	6/21/57	BBB3	150	19
3	CMS	CMS Energy Corporation	3.750% Junior subordinated due 2030	12/1/30	BBB3	287	17
4	BRKHEC	Berkshire Hathaway Energy Company	3.500% Senior due 2025	2/1/25	A3	48	16
5	SRE	Sempra	3.800% Senior due 2038	2/1/38	BBB2	129	15
6	SRE	Sempra	4.125% Junior subordinated due 2027	4/1/27	BBB3	299	15
7	NEE	NextEra Energy Capital Holdings Inc	3.800% Junior subordinated due 2027	3/15/27	BBB2	275	14
8	NFG	National Fuel Gas Company	5.200% Senior due 2025	7/15/25	BBB3	109	13
9	WEC	WEC Energy Group Inc.	5.150% Senior due 2027	10/1/27	BBB1	80	13
10	AEP	American Electric Power Co Inc.	3.875% Junior subordinated due 2027	2/15/27	BBB3	288	12

Source: ICE Data Indices, LLC



OpCos: Top-10 bond leaders and laggards YTD

Leaders

Exhibit 6: OpCo Leaders, YTD

Cleco Power LLC 6.00% senior notes are the best performing OpCo bonds YTD

Rank	Ticker	Company	Bond	Maturity	Rating	STW	Δ STW YTD
1	CNL	Cleco Power LLC	6.000% Senior due 2040	12/1/40	BBB1	151	(45)
2	FE	Metropolitan Edison Company	4.000% Senior due 2025	4/15/25	BBB1	96	(41)
3	PCG	Pacific Gas and Electric Company	3.450% Secured due 2025	7/1/25	BBB3	86	(37)
4	PCG	Pacific Gas and Electric Company	3.500% Senior due 2025	6/15/25	BBB3	93	(33)
5	XEL	Public Service Company of Colorado	2.900% Secured due 2025	5/15/25	A1	47	(32)
6	EIX	Southern California Edison Company	5.550% Secured due 2037	1/15/37	A3	128	(31)
7	PCG	Pacific Gas and Electric Company	4.000% Senior due 2046	12/1/46	BBB3	166	(31)
8	PCG	Pacific Gas and Electric Company	3.300% Senior due 2027	3/15/27	BBB3	120	(31)
9	PPL	Louisville Gas and Electric Company	4.650% Secured due 2043	11/15/43	A2	122	(30)
10	PCG	Pacific Gas and Electric Company	4.500% Secured due 2040	7/1/40	BBB3	162	(28)

Source: ICE Data Indices, LLC

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Laggards

Exhibit 7: OpCo Laggards, YTD

Boston Gas Co. 3.15% senior notes are the worst performing OpCo bonds YTD

Rank	Ticker	Company	Bond Maturity R		Rating	STW	Δ STW YTD
1	NGGLN	Boston Gas Company	3.150% Senior due 2027	8/1/27	BBB1	130	29
2	EIX	Southern California Edison Company	6.000% Secured due 2034	1/15/34	A3	116	27
3	SO	Georgia Power Company	4.650% Senior due 2028	5/16/28	BBB1	70	19
4	SO	Alabama Power Company	3.940% Senior due 2032	9/1/32	A2	88	16
5	DUK	Duke Energy Carolinas LLC	2.950% Secured due 2026	12/1/26	A1	29	15
6	CNP	Centerpoint Energy Houston Electric LLC	5.200% Secured due 2028	10/1/28	A2	68	15
7	EIX	Southern California Edison Company	5.850% Secured due 2027	11/1/27	A3	72	14
8	ES	NSTAR Electric Company	2.700% Senior due 2026	6/1/26	A2	83	14
9	DUK	Duke Energy Ohio	5.250% Secured due 2033	4/1/33	A2	109	13
10	CMS	Consumers Energy Company	3.250% Secured due 2046	8/15/46	A1	70	13

Source: ICE Data Indices, LLC

HoldCos: Top-10 bond leaders and laggards YTD

Leaders

Exhibit 8: HoldCo Leaders, YTD

NextEra Energy Capital Holdings Inc. 5.65% junior subordinated notes are the best performing HoldCo bonds YTD

Rank	Ticker	Company	Bond	Maturity	Rating	STW	Δ STW YTD
1	NEE	NextEra Energy Capital Holdings Inc	5.650% Junior subordinated due 2029	5/1/29	BBB2	251	(66)
2	SO	Southern Co.	4.000% Junior subordinated due 2026	1/15/26	BBB3	184	(48)
3	EE	El Paso Electric Co.	5.000% Senior due 2044	12/1/44	BBB2	178	(44)
4	NEE	NextEra Energy Capital Holdings Inc	4.800% Junior subordinated due 2027	12/1/27	BBB2	385	(43)
5	SO	Southern Co.	3.750% Junior subordinated due 2026	9/15/26	BBB3	240	(42)
6	DUK	Duke Energy Corp	3.250% Junior subordinated due 2026	10/15/26	BBB3	293	(39)
7	AEP	American Electric Power Co Inc.	3.875% Junior subordinated due 2027	2/15/27	BBB3	288	(37)
8	PSD	Puget Energy Inc	6.724% Secured due 2036	6/15/36	A2	139	(30)
9	AES	Ipalco Enterprises Inc.	4.250% Secured due 2030	5/1/30	BBB3	153	(30)
10	OGS	ONE Gas Inc.	4.658% Senior due 2044	2/1/44	A3	98	(29)

Source: ICE Data Indices, LLC

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Laggards

Exhibit 9: HoldCo Laggards, YTD

Oglethorpe Power Corp. 6.191% secured notes are the worst performing HoldCo bonds YTD

Rank	Ticker	Company	Bond	Maturity	Rating	STW	Δ STW YTD
1	OGLETH	Oglethorpe Power Corporation Membership	6.191% Secured due 2031	1/1/31	A2	193	37
2	ES	Eversource Energy	5.450% Senior due 2028	3/1/28	BBB2	98	23
3	ES	Eversource Energy	2.900% Senior due 2027	3/1/27	BBB2	88	20
4	BRKHEC	Berkshire Hathaway Energy Company	3.500% Senior due 2025	2/1/25	A3	48	19
5	ES	Eversource Energy	5.125% Senior due 2033	5/15/33	BBB2	137	19
6	SRE	Sempra	3.700% Senior due 2029	4/1/29	BBB2	101	17
7	ES	Eversource Energy	3.300% Senior due 2028	1/15/28	BBB2	98	17
8	DUK	Duke Energy Corp	4.300% Senior due 2028	3/15/28	BBB2	89	16
9	ES	Eversource Energy	3.350% Senior due 2026	3/15/26	BBB2	114	15
10	D	Dominion Energy Inc	4.350% Senior due 2032	8/15/32	BBB2	112	15

Source: ICE Data Indices, LLC



Average spreads by maturity and rating

OpCos

Exhibit 10: Average spread by maturity and rating - OpCos

OpCo spreads widened by 3 bps this week

OpCos - Average Spreads - Week ending 2/2/24

Rating	Short	10 year	20 year	30 year	Avg.
AA-	n/a	n/a	n/a	n/a	n/a
A+	52	89	103	104	94
Α	57	98	111	115	98
A-	68	110	126	121	110
BBB+	100	145	135	149	125
BBB	112	158	n/a	n/a	136
BBB-	116	169	168	180	149
Total	76	112	120	118	107

OpCos - 1-week avg. change in STW

Rating	Short	10 year	year 20 year 30 year		Avg.
AA-	n/a	n/a	n/a	n/a	n/a
A+	3	5	3	5	4
А	2	4	2	5	3
A-	2	6	2	5	4
BBB+	(1)	3	3	3	2
BBB	(5)	11	n/a	n/a	4
BBB-	2	9	10	9	5
Total	1	5	3	5	3

Total OpCos - YTD avg. change in STW

OPCOS - I I D ave	. Change in Jiv				
Rating	Short	10 year	20 year	30 year	Avg.
AA-	n/a	n/a	n/a	n/a	n/a
A+	(2)	3	(8)	(2)	(3)
Α	(3)	0	(8)	(6)	(5)
A-	(2)	(0)	(10)	(6)	(6)
BBB+	(4)	(6)	(12)	(12)	(7)
BBB	(12)	(9)	n/a	n/a	(6)
BBB-	(14)	(8)	(19) (21)		(16)
Total	(4)	(1)	(9)	(6)	(6)

Source: ICE Data Indices, LLC

HoldCos

Exhibit 11: Average spread by maturity and rating – HoldCos HoldCo spreads widened by 3 bps this week

HoldCos - Average Spreads - Week ending 2/2/24

Rating	Short	10 year	20 year	30 year	Avg.
AA-	n/a	n/a	n/a	n/a	n/a
A+	n/a	n/a	n/a	n/a	n/a
Α	n/a	125	112	113	130
A-	63	80	90	125	87
BBB+	74	131	162	146	108
BBB	91	127	136	134	108
BBB-	151	219	n/a	n/a	166
Total	96	132	128	133	114

HoldCos - 1-week avg. change in STW

Rating	Short	Short 10 year 2		30 year	Avg.
AA-	n/a	n/a	n/a	n/a	n/a
A+	n/a	n/a	n/a	n/a	n/a
Α	n/a	(10)	8	8	1
A-	3	11	4	8	4
BBB+	2	6	(1)	6	3
BBB	2	5	0	7	3
BBB-	1	5	n/a	n/a	2
Total	2	5	1	7	3

HoldCos - YTD avg. change in STW

Rating	Short	10 year	20 year	30 year	Avg.
AA-	n/a	n/a	n/a	n/a	n/a
A+	n/a	n/a	n/a	n/a	n/a
Α	n/a	(25)	(17)	(1)	(8)
A-	0	(16)	(15)	(6)	(6)
BBB+	(2)	(8)	(14)	(4)	(4)
BBB	(1)	6	(12)	(9)	(2)
BBB-	(14)	(12)	n/a	n/a	(14)
Total	(4)	1	(13)	(6)	(5)

Source: ICE Data Indices, LLC

New utility bond issuance QTD Exhibit 12: 1Q new utility bond issuance Utilities have issued ~\$19 Bn in bonds this quarter

Date	Ticker	Issuer	Туре	Security	Rating (Moody's/S&P/Fitch)	Amount	Coupon	Maturity	SOT	Δ vs IPT	Book
1/2/24	D	Virginia Electric & Power	ОрСо	Unsec. Notes	A2/BBB+/A	\$500	5.000%	1/15/34	+115	-20	4.4x
1/2/24	D	Virginia Electric & Power	OpCo	Unsec. Notes	A2/BBB+/A	\$500	5.300%	1/15/54	+127	-28	5.4x
1/2/24	PPL	PPL Electric Utilities	OpCo	FMBs	A1/A+/NR	\$650	4.850%	2/15/34	+92	-31	5.4x
1/2/24	CMS	Consumers Energy	OpCo	FMBs	A1/A/A+	\$600	4.650%	5/30/29	+73	-22	3.3x
1/2/24	DUK	Duke Energy Corp	HoldCo	Unsec. Notes	Baa2/BBB/NR	\$550	4.850%	1/5/27	+75	-25	2.7x
1/2/24	DUK	Duke Energy Corp	HoldCo	Unsec. Notes	Baa2/BBB/NR	\$550	4.850%	1/5/29	+95	-25	2.7x
1/3/24	DUK	Duke Energy Carolinas	OpCo	FMBs	Aa3/A/NR	\$575	4.850%	1/15/34	+100	-18	2.5x
1/3/24	DUK	Duke Energy Carolinas	OpCo	FMBs	Aa3/A/NR	\$425	5.400%	1/15/54	+118	-20	2.4x
1/3/24	AEE	Union Electric	OpCo	FMBs	A2/A/NR	\$350	5.250%	1/15/54	+123	-22	3.9x
1/3/24	BRKHEC	PacifiCorp	OpCo	FMBs	A2/A/NR	\$500	5.100%	2/15/29	+120	-30	4.6x
1/3/24	BRKHEC	PacifiCorp	OpCo	FMBs	A2/A/NR	\$700	5.300%	2/15/31	+140	-30	2.9x
1/3/24	BRKHEC	PacifiCorp	OpCo	FMBs	A2/A/NR	\$1,100	5.450%	2/15/34	+155	-25	2.6x
1/3/24	BRKHEC	PacifiCorp	OpCo	FMBs	A2/A/NR	\$1,500	5.800%	1/15/55	+175	-25	2.6x
1/8/24	EIX	Southern California Edison	OpCo	FMBs	A2/A-/A-	\$500	4.875%	2/1/27	+75	-15	3.2x
1/8/24	EIX	Southern California Edison	OpCo	FMBs	A2/A-/A-	\$900	5.200%	6/1/34	+120	-18	2.3x
1/9/24	AQN	Liberty Utilities	OpCo	Unsec. Notes	Baa2 / BBB / BBB+	\$500	5.577%	1/31/29	+185	-30	3.0x
1/9/24	AQN	Liberty Utilities	OpCo	Unsec. Notes	Baa2 / BBB / BBB+	\$350	5.869%	1/31/34	+195	-25	4.3x
1/11/24	NGGLN	Niagara Mohawk	OpCo	Unsec. Notes	Baa1/BBB+/NR	\$500	5.290%	1/17/34	+130	-30	3.5x
1/11/24	NGGLN	Niagara Mohawk	OpCo	Unsec. Notes	Baa1/BBB+/NR	\$700	5.664%	1/17/54	+145	-35	6.4x
1/16/24	ES	Eversource Energy	HoldCo	Unsec. Notes	Baa2/BBB+/BBB	\$350	5.000%	1/1/27	+100	-25	5.1x
1/16/24	ES	Eversource Energy	HoldCo	Unsec. Notes	Baa2/BBB+/BBB	\$650	5.500%	1/1/34	+150	-25	4.4x
1/16/24	ES	Connecticut Light & Power	OpCo	FMBs	A1/A+/A+	\$350	4.650%	1/1/29	+75	-30	5.3x
1/22/24	BRKHEC	MidAmerican Energy	OpCo	FMBs	Aa2/A/NR	\$600	5.300%	2/1/55	+98	-37	5.5x
1/25/24	EMACN	Tampa Electric	OpCo	Unsec. Notes	A3/BBB+/A	\$500	4.900%	3/1/29	+88	-28	5.0x
1/29/24	NEE	NextEra Energy Capital Holdings	HoldCo	Unsec. Notes	Baa1/BBB+/A-	\$1,000	4.950%	1/29/26	+65	-20	1.9x
1/29/24	NEE	NextEra Energy Capital Holdings	HoldCo	Unsec. Notes	Baa1/BBB+/A-	\$600	Float	1/29/26	S+76		1.3x
1/29/24	NEE	NextEra Energy Capital Holdings	HoldCo	Unsec. Notes	Baa1/BBB+/A-	\$900	4.900%	3/15/29	+95	-20	2.1x
1/29/24	NEE	NextEra Energy Capital Holdings	HoldCo	Unsec. Notes	Baa1/BBB+/A-	\$1,100	5.250%	3/15/34	+120	-20	2.8x
1/29/24	NEE	NextEra Energy Capital Holdings	HoldCo	Unsec. Notes	Baa1/BBB+/A-	\$800	5.550%	3/15/54	+125	-28	3.3x
1/29/24	BRKHEC	Northern Natural Gas	OpCo	Unsec. Notes	A2/A-/NR	\$500	5.620%	2/1/54	+128	-35	9.8x

Source: Bloomberg

New utility bond issuance YTD vs. historical

Exhibit 13: Utility bond issuance YTD vs. historical

YTD bond issuance is up ~\$11.4 Bn YoY

Debt Issuance (YTD as of Feb-2)							
Debt Issuance (\$Mn)	2018	2019	2020	2021	2022	2023	2024
OpCo FMBs	16,100	24,690	40,660	32,055	25,875	42,225	8,750
OpCo Unsecured	23,695	18,500	15,555	21,225	20,625	18,800	4,050
HoldCo	22,515	26,818	52,800	36,900	31,205	37,790	6,500
Total Debt Issuance	9.000	4.700	6.325	1.750	7.505	7.950	19.300

Source: Bloomberg



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