

# Industry Update **Power and Utilities** Q1 2023

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### **Financial Performance** Size Profile, LTM Financials, Forward Estimates

(USD in millions, except per share data)

			Size Prof	ile		LTM Operating Data		Forward Estimates	
Company Name	Ticker	Price at 03/31/23	% of 52 Week High	TEV	Total Assets	LTM Revenue	LTM EBITDA	2023 Est. Revenue	2023 Est. EBITDA
Electric Utilities									
NextEra Energy, Inc.	NEE	\$77.08	84.4%	\$231,379	\$165,357	\$24,782	\$12,216	\$25,075	\$13,573
Duke Energy Corporation	DUK	\$96.47	82.9%	\$156,783	\$178,833	\$28,584	\$12,521	\$28,771	\$12,682
The Southern Company	SO	\$69.58	86.4%	\$144,973	\$134,756	\$29,111	\$10,341	\$26,266	\$10,454
PG&E Corporation	PCG	\$16.17	96.1%	\$88,885	\$119,612	\$22,091	\$7,097	\$23,276	\$8,900
American Electric Power Company, Inc.	AEP	\$90.99	86.2%	\$89,973	\$94,518	\$19,738	\$6,943	\$18,664	\$7,546
Exelon Corporation	EXC	\$41.89	82.6%	\$83,651	\$96,925	\$19,314	\$6,277	\$20,069	\$7,692
Xcel Energy Inc.	XEL	\$67.44	86.8%	\$63,968	\$60,945	\$15,639	\$5,065	\$15,677	\$5,256
Edison International	EIX	\$70.59	96.3%	\$65,889	\$78,854	\$17,218	\$5,557	\$17,541	\$6,513
Entergy Corporation	ETR	\$107.74	85.0%	\$48,565	\$59,203	\$13,867	\$3,739	\$13,606	\$4,329
ITC Limited	ITC	\$4.67	97.3%	\$62,235	<b>\$</b> 0	\$8,441	\$2,952	\$734,747	\$264,193
FirstEnergy Corp.	FE	\$40.06	82.0%	\$45,316	\$46,479	\$12,510	\$3,459	\$12,926	\$4,007
PPL Corporation	PPL	\$27.79	87.6%	\$35,232	\$38,302	\$8,535	\$2,757	<b>\$</b> 7,790	\$3,035
Evergy, Inc.	EVRG	\$61.12	83.6%	\$26,606	\$29,686	\$5,932	\$2,289	\$5,670	\$2,336
Pinnacle West Capital Corporation	PNW	\$79.24	98.3%	\$18,933	\$23,580	\$4,486	\$1,636	\$4,290	\$1,526
OGE Energy Corp.	OGE	\$37.66	87.8%	\$12,216	\$12,790	\$3,344	\$1,092	\$3,412	\$1,122
PNM Resources, Inc.	PNM	\$48.68	98.2%	\$8,575	<b>\$</b> 0	\$2,350	\$762	\$1,928	\$737
Portland General Electric Company	POR	\$48.89	85.7%	\$8,754	\$10,151	\$2,769	\$841	\$2,768	\$896
Hawaiian Electric Industries, Inc.	HE	\$38.40	85.9%	\$7,373	<b>\$</b> 0	\$3,885	\$676	\$3,471	\$648
IDACORP, Inc.	IDA	\$108.33	91.1%	\$7,781	\$7,879	\$1,729	\$501	\$1,543	\$508
ALLETE, Inc.	ALE	\$64.37	95.4%	\$6,138	\$6,705	\$1,752	\$383	\$1,688	\$471
Otter Tail Corporation	OTTR	\$72.27	87.6%	\$4,047	\$2,987	\$1,424	\$469	\$1,250	\$386
Unitil Corporation	UTL	\$57.04	93.4%	\$1,551	\$1,615	\$591	\$149	\$595	\$151

Source: Capital IQ

#### (USD in millions, except per share data)

			Size Prof	ile	LTM Operating Data		Forward Estimates		
Company Name	Ticker	Price at 03/31/23	% of 52 Week High	TEV	Total Assets	LTM Revenue	LTM EBITDA	2023 Est. Revenue	2023 Est. EBITDA
Independent Power Producers									
The AES Corporation	AES	\$24.08	80.6%	\$41,696	\$39,357	\$13,004	\$3,464	\$12,492	\$3,528
Vistra Corp.	VST	\$24.00	87.6%	\$24,240	<b>\$</b> 0	\$15,028	\$2,312	\$14,586	\$3,682
Central Pattana Public Company Limited	CPN	\$2.02	91.1%	\$13,233	\$7,888	\$1,094	\$564	\$41,859	\$24,375
Ormat Technologies, Inc.	ORA	\$84.77	83.3%	\$7,208	\$5,015	\$736	\$398	\$837	\$491

Gas Utilities									
Atmos Energy Corporation	ATO	\$112.36	91.4%	\$23,485	\$21,312	\$4,564	\$1,581	\$4,877	\$1,795
UGI Corporation	UGI	\$34.76	78.0%	\$13,266	\$16,429	\$9,832	\$196	\$9,520	\$1,578
Southwest Gas Holdings, Inc.	SWX	\$62.45	65.3%	\$9,110	\$11,810	\$5,296	\$929	\$4,958	\$965
Spire Inc.	SR	\$70.14	88.5%	\$8,355	\$10,049	\$2,700	\$706	\$2,459	\$727
National Fuel Gas Company	NFG	\$57.74	76.0%	\$7,377	\$7,967	\$2,314	\$1,217	\$2,368	\$1,123
South Jersey Gas Company	SJI	\$0.00 N/A		<b>\$</b> 0	\$3,857	\$763	\$336	\$0	\$0
New Jersey Resources Corporation	NJR	\$53.20	99.4%	\$7,954	\$6,296	\$2,685	\$593	\$2,969	\$567
ONE Gas, Inc.	OGS	\$79.23	85.9%	\$7,437	\$7,420	\$2,639	\$606	\$2,665	\$625
Northwest Natural Holding Company	NWN	\$47.56	85.0%	\$3,212	\$4,592	\$1,149	\$330	\$1,085	\$315
Chesapeake Utilities Corporation	СРК	\$127.99	89.9%	\$3,041	\$2,198	\$676	\$224	<b>\$73</b> 0	\$227
FirstGroup plc	FGP	\$1.29	71.3%	\$2,974	\$4,776	\$5,099	-\$30	\$4,796	\$827
Sitio Royalties Corp.	STR	\$22.60	67.2%	\$5,163	\$5,137	\$454	\$426	\$681	\$592
Suburban Propane Partners, L.P.	SPH	\$15.32	86.3%	\$2,328	\$2,351	\$1,462	\$223	\$1,420	\$271

Source: Capital IQ

## **Valuation Metrics**

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# Return Profile, Trading Multiples

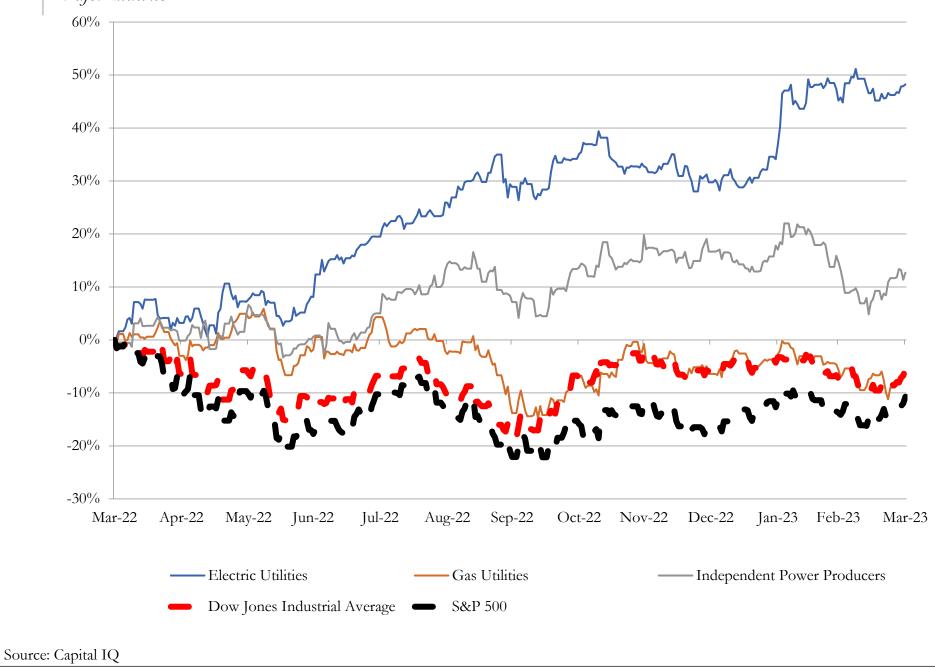
		Return Profile							Trading Multiples		
Company Name	Ticker	Return on Assets	Return on Equity	Revenue Growth	EBITDA Margin	EBITDA Growth	5-yr Beta	TEV / LTM Revenue	TEV / LTM EBITDA		
Electric Utilities											
NextEra Energy, Inc.	NEE	3.0%	11.8%	52.7%	49.3%	103.7%	0.5x	9.4x	19.1x		
Duke Energy Corporation	DUK	2.4%	7.3%	17.0%	43.8%	7.1%	0.4x	5.5x	12.6x		
The Southern Company	SO	2.9%	9.6%	22.1%	35.5%	31.5%	0.5x	4.9x	13.9x		
PG&E Corporation	PCG	1.8%	8.1%	5.0%	32.4%	6.8%	1.1x	4.0x	12.4x		
American Electric Power Company, Inc.	AEP	2.7%	9.9%	17.0%	36.3%	12.3%	0.5x	4.5x	12.3x		
Exelon Corporation	EXC	1.9%	6.9%	6.4%	32.9%	-36.3%	0.6x	4.3x	13.1x		
Xcel Energy Inc.	XEL	2.6%	10.9%	14.6%	32.4%	13.5%	0.4x	4.1x	12.7x		
Edison International	EIX	2.6%	3.5%	15.5%	31.8%	6.8%	0.8x	3.7x	11.7x		
Entergy Corporation	ETR	1.9%	9.0%	17.8%	26.9%	-8.1%	0.6x	3.5x	13.0x		
ITC Limited	ITC	0.0%	0.0%	19.5%	35.0%	23.0%	0.3x	7.4x	21.3x		
FirstEnergy Corp.	FE	2.6%	4.7%	11.6%	27.6%	-6.1%	0.4x	3.7x	13.2x		
PPL Corporation	PPL	2.5%	5.2%	36.6%	33.6%	2.0%	0.8x	4.5x	13.3x		
Evergy, Inc.	EVRG	2.7%	8.2%	4.9%	38.0%	-1.5%	0.5x	4.5x	11.8x		
Pinnacle West Capital Corporation	PNW	2.3%	8.2%	13.7%	38.1%	0.7%	0.4x	4.1x	10.8x		
OGE Energy Corp.	OGE	3.2%	15.7%	-7.6%	31.8%	14.7%	0.7x	3.6x	11.2x		
PNM Resources, Inc.	PNM	2.7%	8.2%	26.4%	32.5%	17.3%	0.4x	3.8x	11.7x		
Portland General Electric Company	POR	2.6%	8.5%	14.8%	30.3%	12.4%	0.6x	3.0x	10.0x		
Hawaiian Electric Industries, Inc.	HE	1.5%	10.3%	31.3%	18.2%	1.4%	0.4x	2.0x	11.1x		
IDACORP, Inc.	IDA	2.7%	9.5%	12.7%	29.9%	-0.5%	0.6x	4.6x	15.5x		
ALLETE, Inc.	ALE	1.4%	4.2%	10.7%	24.6%	-0.2%	0.7x	3.9x	15.8x		
Otter Tail Corporation	OTTR	8.7%	25.7%	22.0%	33.2%	42.8%	0.5x	2.6x	7.7x		
Unitil Corporation	UTL	3.2%	9.0%	19.0%	25.5%	5.2%	0.5x	2.7x	10.5x		
Source: Capital IQ	Mean Median	2.6% 2.6%	8.8% 8.4%	17.4% 16.2%	32.7% 32.4%	11.3% 6.8%	0.6x 0.5x	4.3x 4.1x	13.0x 12.5x		

<b>Ticker</b> AES VST	Return on Assets 4.1%	Return on Equity	Revenue Growth	EBITDA Margin	EBITDA Growth	5-yr Beta	TEV / LTM Revenue	TEV / LTM EBITDA
VST	4.1%	0.70/					Revenue	EDIIDA
VST	4.1%	0.70/						
		-8.7%	13.2%	26.9%	-6.2%	0.9x	3.3x	12.3x
	-2.2%	-18.3%	13.7%	6.6%	61.7%	1.0x	1.7x	26.4x
CPN	3.2%	12.7%	43.9%	51.5%	30.3%	0.7x	11.7x	22.7x
ORA	2.6%	3.9%	10.7%	53.1%	6.8%	0.5x	9.9x	18.6x
Mean Median	1.9% 2.9%	-2.6% -2.4%	20.4% 13.5%	34.5% 39.2%	23.2% 18.6%	0.8x 0.8x	6.7x 6.6x	20.0x 20.7x
ATO	2.8%	8.8%	33.3%	32.7%	12.5%	0.6x	5.3x	16.3x
UGI	2.8%	4.1%	24.5%	12.6%	-45.8%	1.1x	1.4x	11.4x
SWX	2.1%	-6.2%	34.8%	18.2%	21.6%	0.3x	2.0x	11.3x
SR	2.7%	9.3%	7.8%	27.5%	7.7%	0.5x	3.4x	12.5x
NFG	6.7%	26.0%	24.4%	53.2%	19.2%	0.7x	3.3x	6.2x
SJI	3.4%	8.9%	29.3%	43.9%	9.4%	0.0x	0.0x	0.0x
NJR	4.2%	15.4%	24.2%	19.0%	23.8%	0.7x	2.8x	15.0x
OGS	2.7%	9.0%	42.5%	22.6%	13.4%	0.7x	3.0x	13.2x
NWN	2.3%	8.2%	20.6%	28.9%	4.1%	0.6x	3.2x	11.1x
СРК	4.2%	11.2%	19.4%	32.9%	10.4%	0.6x	4.4x	13.4x
FGP	0.8%	6.6%	5.9%	-0.6%	N/A	1.5x	0.6x	-94.5x
STR	4.6%	7.4%	206.5%	91.3%	262.3%	0.0x	13.9x	15.2x
SPH	6.8%	34.5%	12.1%	18.9%	0.6%	0.7x	1.5x	7.8x
Mean	3.5%	11.0%	37.3%	30.9%	28.3%	0.6x	3.5x	3.0x 11.4x
	Median ATO UGI SWX SR NFG SJI NJR OGS NWN CPK FGP STR SPH	Median         2.9%           ATO         2.8%           UGI         2.8%           SWX         2.1%           SR         2.7%           NFG         6.7%           SJI         3.4%           NJR         4.2%           OGS         2.7%           NWN         2.3%           CPK         4.2%           FGP         0.8%           STR         4.6%           SPH         6.8%           Mean         3.5%	Median         2.9%         -2.4%           ATO         2.8%         8.8%           UGI         2.8%         4.1%           SWX         2.1%         -6.2%           SR         2.7%         9.3%           NFG         6.7%         26.0%           SJI         3.4%         8.9%           NJR         4.2%         15.4%           OGS         2.7%         9.0%           NWN         2.3%         8.2%           CPK         4.2%         11.2%           FGP         0.8%         6.6%           STR         4.6%         7.4%           SPH         6.8%         34.5%           H10%	Median         2.9%         -2.4%         13.5%           ATO         2.8%         8.8%         33.3%           UGI         2.8%         4.1%         24.5%           SWX         2.1%         -6.2%         34.8%           SR         2.7%         9.3%         7.8%           NFG         6.7%         26.0%         24.4%           SJI         3.4%         8.9%         29.3%           NJR         4.2%         15.4%         24.2%           OGS         2.7%         9.0%         42.5%           NWN         2.3%         8.2%         20.6%           CPK         4.2%         11.2%         19.4%           FGP         0.8%         6.6%         5.9%           STR         4.6%         7.4%         206.5%           SPH         6.8%         34.5%         12.1%	Median         2.9%         -2.4%         13.5%         39.2%           ATO         2.8%         8.8%         33.3%         32.7%           UGI         2.8%         4.1%         24.5%         12.6%           SWX         2.1%         -6.2%         34.8%         18.2%           SR         2.7%         9.3%         7.8%         27.5%           NFG         6.7%         26.0%         24.4%         53.2%           SJI         3.4%         8.9%         29.3%         43.9%           NJR         4.2%         15.4%         24.2%         19.0%           OGS         2.7%         9.0%         42.5%         22.6%           NWN         2.3%         8.2%         20.6%         28.9%           CPK         4.2%         11.2%         19.4%         32.9%           FGP         0.8%         6.6%         5.9%         -0.6%           STR         4.6%         7.4%         206.5%         91.3%           SPH         6.8%         34.5%         12.1%         18.9%	Median         2.9%         -2.4%         13.5%         39.2%         18.6%           ATO         2.8%         8.8%         33.3%         32.7%         12.5%           UGI         2.8%         4.1%         24.5%         12.6%         -45.8%           SWX         2.1%         -6.2%         34.8%         18.2%         21.6%           SR         2.7%         9.3%         7.8%         27.5%         7.7%           NFG         6.7%         26.0%         24.4%         53.2%         19.2%           SJI         3.4%         8.9%         29.3%         43.9%         9.4%           NJR         4.2%         15.4%         24.2%         19.0%         23.8%           OGS         2.7%         9.0%         42.5%         22.6%         13.4%           NWN         2.3%         8.2%         20.6%         28.9%         4.1%           CPK         4.2%         11.2%         19.4%         32.9%         10.4%           FGP         0.8%         6.6%         5.9%         -0.6%         N/A           STR         4.6%         7.4%         206.5%         91.3%         262.3%           SPH         6.8%	Median         2.9%         -2.4%         13.5%         39.2%         18.6%         0.8x           ATO         2.8%         8.8%         33.3%         32.7%         12.5%         0.6x           UGI         2.8%         4.1%         24.5%         12.6%         -45.8%         1.1x           SWX         2.1%         -6.2%         34.8%         18.2%         21.6%         0.3x           SR         2.7%         9.3%         7.8%         27.5%         7.7%         0.5x           NFG         6.7%         26.0%         24.4%         53.2%         19.2%         0.7x           SJI         3.4%         8.9%         29.3%         43.9%         9.4%         0.0x           NJR         4.2%         15.4%         24.2%         19.0%         23.8%         0.7x           OGS         2.7%         9.0%         42.5%         22.6%         13.4%         0.6x           CPK         4.2%         11.2%         19.4%         32.9%         0.14%         0.6x           GGS         2.7%         9.0%         45.9%         20.6%         N/A         1.5x           STR         4.6%         7.4%         206.5%         91.3%<	Median         2.9%         -2.4%         13.5%         39.2%         18.6%         0.8x         6.6x           ATO         2.8%         8.8%         33.3%         32.7%         12.5%         0.6x         5.3x           UGI         2.8%         4.1%         24.5%         12.6%         -45.8%         1.1x         1.4x           SWX         2.1%         -6.2%         34.8%         18.2%         21.6%         0.3x         2.0x           SR         2.7%         9.3%         7.8%         27.5%         7.7%         0.5x         3.4x           NFG         6.7%         26.0%         24.4%         53.2%         19.2%         0.7x         3.3x           SJI         3.4%         8.9%         29.3%         43.9%         9.4%         0.0x         0.0x           NFG         6.7%         26.0%         24.2%         19.0%         23.8%         0.7x         2.8x           OGS         2.7%         9.0%         42.5%         22.6%         13.4%         0.6x         3.2x           CPK         4.2%         11.2%         19.4%         32.9%         10.4%         0.6x         4.4x           FGP         0.8%         6.6%<

#### LTM Equity Performance

Major Indexes

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### **Recent M&A Activity**

Last Twelve (12) Months as of March 31, 2023

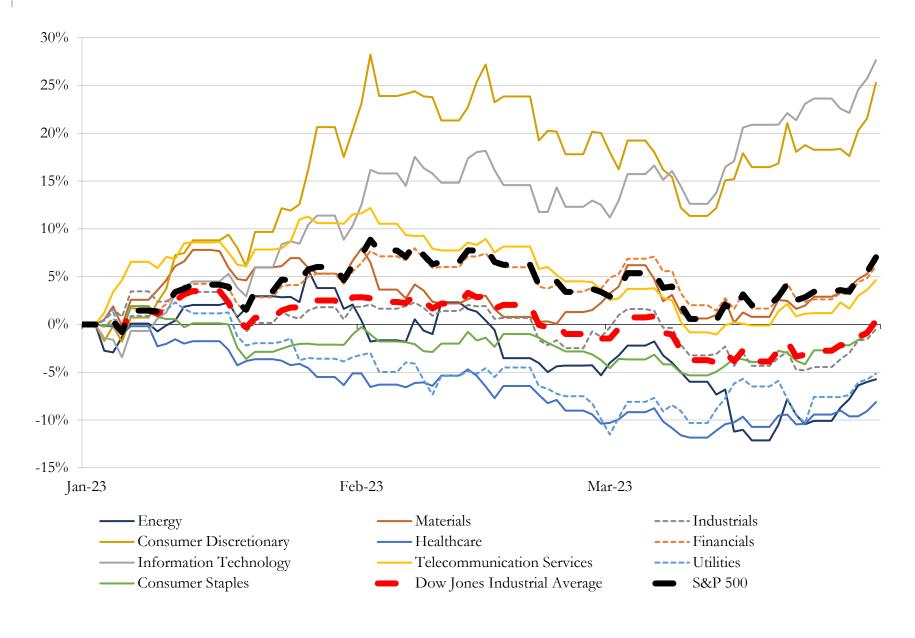
(USD in millions)

Close Date	Target	Acquirer	Implied TEV
Feb-23	South Jersey Industries, Inc.	J.P. Morgan Asset Management, Inc.; JPMorgan Infrastructure Investments,	\$7,846
May-22	Narragansett Electric Company (nka:The Narragansett Electric Company)	PPL Energy Holdings, LLC	\$5,116
Sep-22	Clearway Energy Group LLC	TotalEnergies SE	\$3,238
Feb-23	Great River Hydro, LLC	HQI US Holding LLC	\$2,250
May-22	DB Energy Assets, LLC/Beacon Energy Holdings, LLC	Vauban Infrastructure Partners	\$2,200
May-22	Cordia Energy	KKR & Co. Inc.	\$1,900
Mar-23	Portfolio of Operating Landfill Gas-to-Electric Facilities	NextEra Energy Resources, LLC	\$1,134
Dec-22	Scout Clean Energy, LLC	Brookfield Asset Management Inc. (nka:Brookfield Corporation); Brookfield	\$1,000
Sep-22	Midland Cogeneration Venture Limited Partnership	Manulife Investment Management; Capital Power Corporation; Manulife	\$894
Oct-22	862 MW Portfolio of Three Onshore Wind Farms and One Solar Farm in the	Energy Capital Partners, LLC; Renewable Power Fund Plus LP	\$820
Sep-22	Standard Solar, Inc.	Brookfield Asset Management Inc. (nka:Brookfield Corporation); Brookfield	\$700
Jul-22	Vanguard Renewables LLC	BlackRock Real Assets	\$700
Aug-22	Hope Gas, Inc.	Hearthstone Utilities Inc.	<b>\$69</b> 0
Sep-22	Solar Service Experts, LLC	XL Fleet Corp. (nka:Spruce Power Holding Corporation)	\$600
Dec-22	EDF Energy Services, LLC	BP America, Inc.	\$505
Aug-22	Portfolio of Operating Wind Projects	Clearway Energy, Inc.	\$417
Feb-23	220 megawatts solar assets	Altus Power, Inc.	\$293
Sep-22	Tri Global Energy, LLC	Enbridge Inc.	\$268
Mar-22	Commercial & Industrial Solar Business of SunPower Corporation, Systems	TotalEnergies Renewables USA, LLC	<b>\$25</b> 0
Nov-22	14 U.S. solar assets	MN8 Energy, Inc.	\$245
May-22	Wastewater system assets of York City Sewer Authority, Pennsylvania	Pennsylvania-American Water Company, Inc.	\$235
Jul-22	Nextgen Power Holdings LLC	Archaea Infrastructure, LLC	\$215
Jul-22	Corning Natural Gas Holding Corporation (nka:Corning Energy Corporation)	Argo Infrastructure Partners LP	\$172
Apr-22	New Energy Equity, LLC	ALLETE, Inc.	\$162
Aug-22	North American Natural Resources, Inc./North American Biofuels,	Kinder Morgan, Inc.	\$132
Nov-22	88 Megawatts of Operating Solar Assets	APA Finance II, LLC	\$102

Source: Capital IQ

### Change in Market Capitalization by Sector

Last Three (3) Months as of March 31, 2023

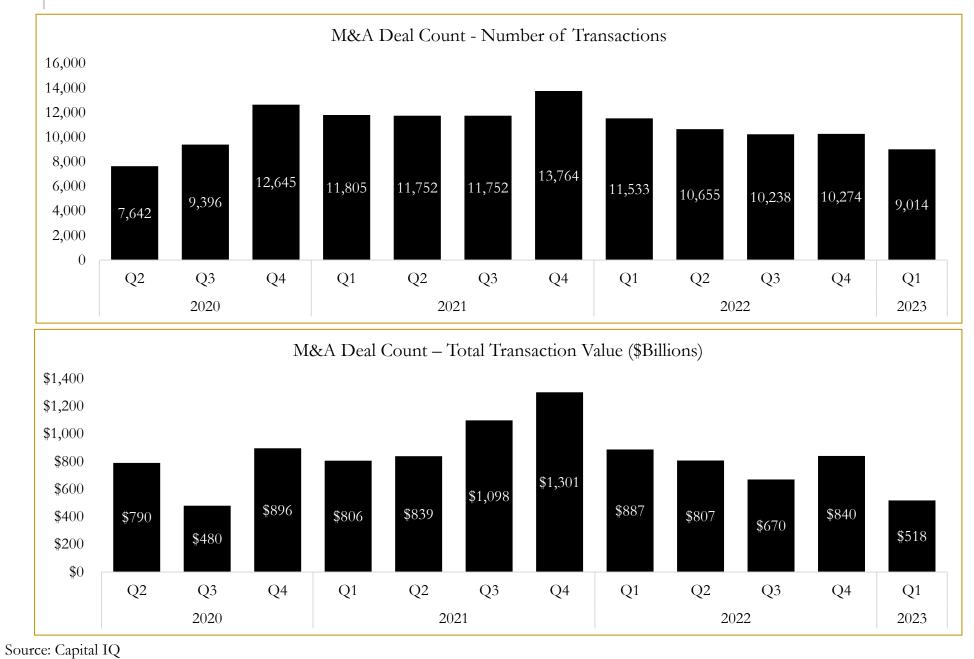


Source: Capital IQ

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### M&A Deal Flow Statistics

Last Three (3) Years as of March 31, 2023



Q1 2023 | Industry Update - Power and Utilities

# 7 Houlihan Capital About Us

#### About Houlihan Capital

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We provide an array of services that include enterprise valuations, portfolio valuation, valuation of carried interest, transaction opinions, tax and financial reporting compliance, purchase price allocations, and a wide variety of consulting services through our Financial Advisory Group.

#### **Investment Banking**

Through our Investment Banking Group, we offer sell-side/buy-side advisory and capital raises. Through our Special Situations desk, we provide services that fit outside the archetypal verticals, including liquidity solutions, transactional advisory, and secondary market advisory and trading.

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Our team provides support for a wide variety of situations including commercial and shareholder disputes, derivatives and structured finance litigation, and fraudulent conveyance.

