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1	0	R	G	Α	Ν	Т	Ζ	Ε	R
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# Industry Status: Utilities

	1 week 12/11/23 to 12/18/23														
<u>9Weakest</u>	8VWeak	7Weaker	<u>6Weak</u>	5Avg	4Strong	<u>3Stronger</u>	2VStrong	1Strongest							
				80 UTILITIES											
				32 Div Util											
•			18 Electric Util												
•				9 Foreign Util											
•				11 Gas Util											
•			10 Water Util				•								
•							•								
•			•				•								
•							•	•							

December 18, 2023 UNCHANGED at AVERAGE strength rating (5th strongest of 9 levels) previous move was UP

3 mos GNE +95%, 4 wks CEPU/NEP/RGCO +27%/26%/26%, 1 wk NOVA +23%



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3. STRENGTH BY LOOKBACK PERIOD (with Best/Worst stocks) 3A. Lookback 3 Months

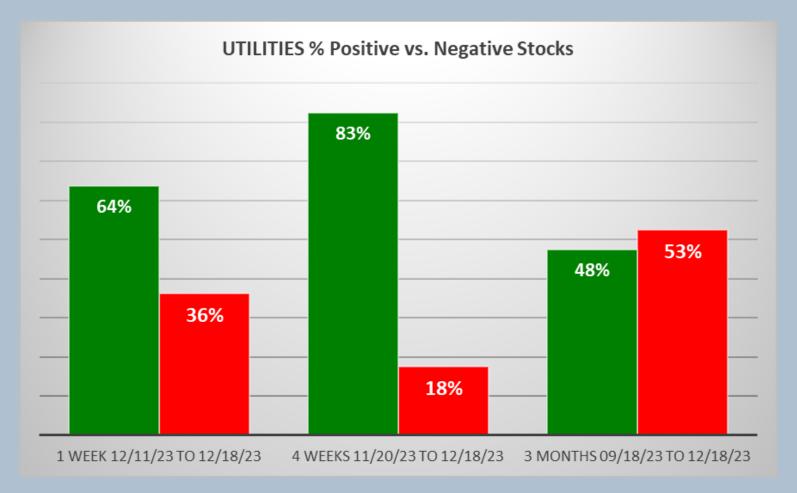
3B. Lookback 3 Months 3B. Lookback 4 weeks 3C. Lookback 1 Week

# 1. INDUSTRY OVERVIEW 1A. Performance

Past 10 Weeks Strengthening/Weakening week-by-week, per the following chart:

9Weakest	8VWeak	7Weaker	<u>6Weak</u>	5Avg	4Strong	3Stronger	2VStrong	1Strongest	Period
				80 UTILITIES					7 Days - 12/11/23 to 12/18/23
			80 UTILITIES->	80 UTILITIES->					7 Days - 12/04/23 to 12/11/23
			80 UTILITIES						7 Days - 11/27/23 to 12/04/23
			80 UTILITIES						7 Days - 11/20/23 to 11/27/23
		80 UTILITIES->	80 UTILITIES->						7 Days - 11/13/23 to 11/20/23
		80 UTILITIES							7 Days - 11/06/23 to 11/13/23
		80 UTILITIES							7 Days - 10/30/23 to 11/06/23
	. /	80 UTILITIES			•				7 Days - 10/23/23 to 10/30/23
	. /	80 UTILITIES			•				7 Days - 10/16/23 to 10/23/23
		80 UTILITIES							7 Days - 10/09/23 to 10/16/23

Mixed/WEAKENING 1 Week vs. Mid- and Longer-Term // 1 week positive/negative stocks ratio is LOWER than 4 weeks but HIGHER than 3 Months, per the following chart:



December 18, 2023

# 1B. Background

Largest of 5 sub-industries (80 stocks, average 16):

- \* Diversified Utilities (32 stocks)
- \* Electric Utilities (18 stocks)
- \* Gas Utilities (11 stocks)

Top 10 by Market Capitalization:

NEE/NextEra Energy, SO/Southern Company The, DUK/Duke Energy Corp, SRE/Sempra Energy, EXC/Exelon Corporation, AEP/American Electric Power, D/Dominion Energy Inc, PCG/Pacific Gas & Electric Co, XEL/Xcel Energy Inc, ED/Consolidated Edison Inc

## 2. SUB-INDUSTRIES AND STOCKS DETAIL 2A. Sub-Industries Overview

Strengthened: 0/5 sub-industries Weakened: 0/5 sub-industries

STRONGEST at Average rating/5th strongest of 9 levels:

- \* Diversified Utilities (32 stocks)
- \* Foreign Utilities (9 stocks)
- \* Gas Utilities (11 stocks)

# WEAKEST at Weak rating/6th strongest of 9 levels:

- \* Electric Utilities (18 stocks)
- \* Water Utilities (10 stocks)



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# 2B. Sub-Industries 10-Week Strengthening Analysis

What: recent week-by-week strength changes for the industry and its sub-industries Why: objective measurement of strengthening and weakening enabling comparison within and across industries and sub-industries

INDUSTRY CURRENT PERIOD SUMMARY	1 week 12/11/23 to 12/18/23														
Length - Begin/End Industry/Sub-Industry	Period	#	Min	Avg		Max Status	9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest
7 Days - 12/11/23 to 12/18/23 UTILITIES	Period 1 of 10 (Current)	80	-13%		1%	23% Unchanged					80 UTILITIES				
7 Days - 12/11/23 to 12/18/23 UTILITIES - Diversified Utilities	Period 1 of 10 (Current)	32	-13%		0%	5% Weakened					32 Div Util				
7 Days - 12/11/23 to 12/18/23 UTILITIES - Electric Utilities	Period 1 of 10 (Current)	18	-4%		3% 4%	23% Unchanged 8% Strengthened		•	•	18 Electric Util	O Fereien Util	•	•	•	
7 Days - 12/11/23 to 12/18/23 UTILITIES - Foreign Utilities 7 Days - 12/11/23 to 12/18/23 UTILITIES - Gas Utilities	Period 1 of 10 (Current) Period 1 of 10 (Current)	11	-170	_	4%	4% Unchanged					9 Foreign Util 11 Gas Util				
7 Days - 12/11/23 to 12/18/23 UTILITIES - Water Utilities	Period 1 of 10 (Current)	10	-2%		1%	4% Unchanged				10 Water Util					
7 Days - 12/11/23 to 12/18/23 .	Period 1 of 10 (Current)														
7 Days - 12/11/23 to 12/18/23	Period 1 of 10 (Current)														•
7 Days - 12/11/23 to 12/18/23 . 7 Days - 12/11/23 to 12/18/23 .	Period 1 of 10 (Current)				•						•		•	•	
/ Jays - 12/11/25 (0 12/16/25 .	Period 1 of 10 (Current)									•		•	•	·	
PREVIOUS WEEKS (EDUCATIONAL PURPOSES ONLY/	NOT A STOCK OR INVESTN	<b>IENT</b>	RECOM	MENI	DAT	TION)									
Length - Begin/End Industry/Sub-Industry	<u>Period</u>	<u>#</u>	Min	Avg		Max Status	<u>9Weakest</u>	8VWeak	7Weaker	<u>6Weak</u>	5Avg	4Strong	<u>3Stronger</u>	2VStrong	1Strongest
7 Days - 12/11/23 to 12/18/23 UTILITIES	Period 1 of 10 (Current)	80	-13%		1%	23% Unchanged					80 UTILITIES				•
7 Days - 12/04/23 to 12/11/23 UTILITIES 7 Days - 11/27/23 to 12/04/23 UTILITIES	Period 2 of 10 Period 3 of 10	80	-12%		0% 3%	15% Strengthened 20% Strengthened	•	•	•	80 UTILITIES-> 80 UTILITIES	80 UTILITIES->	•	•	•	
7 Days - 11/2//23 to 12/04/23 UTILITIES	Period 4 of 10	80	-7%		0%	12% Unchanged		1		80 UTILITIES					
7 Days - 11/13/23 to 11/20/23 UTILITIES	Period 5 of 10	80	-2%		5%	29% Strengthened			80 UTILITIES->	80 UTILITIES->					
7 Days - 11/06/23 to 11/13/23 UTILITIES	Period 6 of 10	80	-18 <mark>%</mark>		-4%	5% Weakened			80 UTILITIES						
7 Days - 10/30/23 to 11/06/23	Period 7 of 10	80	-3%	-	6%	22% Strengthened		•	80 UTILITIES	•			•	•	
7 Days - 10/23/23 to 10/30/23 UTILITIES 7 Days - 10/16/23 to 10/23/23 UTILITIES	Period 8 of 10 Period 9 of 10	80 80	-12%		1% -4%	21% Unchanged 6% Weakened			80 UTILITIES						
7 Days - 10/16/23 to 10/23/23 OTICITIES 7 Days - 10/09/23 to 10/16/23 UTILITIES	Period 9 of 10 Period 10 of 10	80 80	-10%		-4%	20% Strengthened			80 UTILITIES 80 UTILITIES						
7 Days - 12/11/23 to 12/18/23 UTILITIES - Diversified Utilities	Period 1 of 10 (Current)	32	-13%		0%	5% Weakened					32 Div Util				
7 Days - 12/04/23 to 12/11/23 UTILITIES - Diversified Utilities	Period 2 of 10	32	-8%	1	1%	15% Strengthened					32 Div Util				
7 Days - 11/27/23 to 12/04/23 UTILITIES - Diversified Utilities	Period 3 of 10	32	- <b>7%</b>		1%	8% Strengthened				32 Div Util->	32 Div Util->				•
7 Days - 11/20/23 to 11/27/23 UTILITIES - Diversified Utilities	Period 4 of 10	32	-7% 0%		0%	4% Unchanged		•		32 Div Util	•	•	•		
7 Days - 11/13/23 to 11/20/23 UTILITIES - Diversified Utilities 7 Days - 11/06/23 to 11/13/23 UTILITIES - Diversified Utilities	Period 5 of 10 Period 6 of 10	32 32	-18%		-4%	18% Strengthened 4% Weakened			32 Div Util-> <-Div Util 32	32 Div Util-> <-Div Util 32					
7 Days - 10/30/23 to 11/06/23 UTILITIES - Diversified Utilities	Period 7 of 10	32	1%		5%	17% Strengthened			32 Div Util->	32 Div Util->					
7 Days - 10/23/23 to 10/30/23 UTILITIES - Diversified Utilities	Period 8 of 10	32	-1%		2%	6% Unchanged			32 Div Util						
7 Days - 10/16/23 to 10/23/23 UTILITIES - Diversified Utilities	Period 9 of 10	32	-7%		-4%	-2% Weakened			32 Div Util						
7 Days - 10/09/23 to 10/16/23 UTILITIES - Diversified Utilities	Period 10 of 10	32	-2%		3%	20% Strengthened			32 Div Util						· · ·
7 Days - 12/11/23 to 12/18/23 UTILITIES - Electric Utilities 7 Days - 12/04/23 to 12/11/23 UTILITIES - Electric Utilities	Period 1 of 10 (Current) Period 2 of 10	18 18	-4%		3% 0%	23% Unchanged 11% Strengthened				18 Electric Util 18 Electric Util				•	
7 Days - 11/27/23 to 12/11/23 UTILITIES - Electric Utilities	Period 3 of 10	18	-12%		4%	20% Strengthened			18 Electric Util->	18 Electric Util->					
7 Days - 11/20/23 to 11/27/23 UTILITIES - Electric Utilities	Period 4 of 10	18	-7%		0%	4% Strengthened			18 Electric Util						
7 Days - 11/13/23 to 11/20/23 UTILITIES - Electric Utilities	Period 5 of 10	18	1%		7%	29% Strengthened		18 Electric Util->	18 Electric Util->						•
7 Days - 11/06/23 to 11/13/23 UTILITIES - Electric Utilities	Period 6 of 10	18	-14%		-5%	4% Unchanged		18 Electric Util							· · ·
7 Days - 10/30/23 to 11/06/23 UTILITIES - Electric Utilities 7 Days - 10/23/23 to 10/30/23 UTILITIES - Electric Utilities	Period 7 of 10 Period 8 of 10	18 18	-3%	-	4% 2%	13% Strengthened 21% Unchanged	18 Electric Util-> 18 Electric Util	18 Electric Util->		•	•	•	•	•	
7 Days - 10/16/23 to 10/30/23 UTILITIES - Electric Utilities	Period 9 of 10	18	-18%		-5%	21% Unchanged	<-Electric Util 18	<-Electric Util 18							
7 Days - 10/09/23 to 10/16/23 UTILITIES - Electric Utilities	Period 10 of 10	18	-4%		4%	18% Strengthened									
7 Days - 12/11/23 to 12/18/23 UTILITIES - Foreign Utilities	Period 1 of 10 (Current)	9	-1%		4%	8% Strengthened					9 Foreign Util				
7 Days - 12/04/23 to 12/11/23 UTILITIES - Foreign Utilities	Period 2 of 10	9	-7%	<b>L</b>	1%	12% Strengthened	•			9 Foreign Util->	9 Foreign Util->				· · ·
7 Days - 11/27/23 to 12/04/23 UTILITIES - Foreign Utilities 7 Days - 11/20/23 to 11/27/23 UTILITIES - Foreign Utilities	Period 3 of 10 Period 4 of 10	9	-6%		2% 2%	7% Strengthened 12% Unchanged				9 Foreign Util 9 Foreign Util	•			•	•
7 Days - 11/20/23 to 11/20/23 UTILITIES - Foreign Utilities	Period 5 of 10	9	-2%		9%	24% Strengthened			9 Foreign Util->	9 Foreign Util->					
7 Days - 11/06/23 to 11/13/23 UTILITIES - Foreign Utilities	Period 6 of 10	9	-7%		-3%	5% Unchanged			9 Foreign Util						
7 Days - 10/30/23 to 11/06/23 UTILITIES - Foreign Utilities	Period 7 of 10	9	2%	_	9%	22% Unchanged			9 Foreign Util						
7 Days - 10/23/23 to 10/30/23 UTILITIES - Foreign Utilities	Period 8 of 10	9	-12%		-1%	8% Unchanged		•	9 Foreign Util	· Facelan Hill C			•	•	
7 Days - 10/16/23 to 10/23/23 UTILITIES - Foreign Utilities 7 Days - 10/09/23 to 10/16/23 UTILITIES - Foreign Utilities	Period 9 of 10 Period 10 of 10	9	-12%		-3% -1%	6% Weakened 6% Strengthened			<-Foreign Util 9 9 Foreign Util->	<-Foreign Util 9 9 Foreign Util->					
7 Days - 12/11/23 to 12/18/23 UTILITIES - Gas Utilities	Period 1 of 10 (Current)	11	-6%		0%	4% Unchanged			is totalgit othes	- Toreign Our >	11 Gas Util				
7 Days - 12/04/23 to 12/11/23 UTILITIES - Gas Utilities	Period 2 of 10	11	-1%	5.	1%	8% Strengthened				11 Gas Util->	11 Gas Util->				
7 Days - 11/27/23 to 12/04/23 UTILITIES - Gas Utilities	Period 3 of 10	11	1%		4%	10% Strengthened				11 Gas Util					
7 Days - 11/20/23 to 11/27/23 UTILITIES - Gas Utilities	Period 4 of 10	11	-7%		0%	7% Strengthened		•	11 Gas Util->	11 Gas Util->				•	
7 Days - 11/13/23 to 11/20/23 UTILITIES - Gas Utilities 7 Days - 11/06/23 to 11/13/23 UTILITIES - Gas Utilities	Period 5 of 10 Period 6 of 10	11 11	-2%		3% -3%	12% Strengthened 2% Unchanged			11 Gas Util		·		•		
7 Days - 11/06/23 to 11/13/23 UTILITIES - Gas Utilities 7 Days - 10/30/23 to 11/06/23 UTILITIES - Gas Utilities	Period 7 of 10	11	-10%		4%	8% Strengthened		1	11 Gas Util 11 Gas Util						
7 Days - 10/23/23 to 10/30/23 UTILITIES - Gas Utilities	Period 8 of 10	11	-10%	_	-2%	5% Unchanged			11 Gas Util						
7 Days - 10/16/23 to 10/23/23 UTILITIES - Gas Utilities	Period 9 of 10	11	- <mark>6%</mark>	-	-3%	2% Weakened			11 Gas Util						
7 Days - 10/09/23 to 10/16/23 UTILITIES - Gas Utilities	Period 10 of 10	11	-5%		1%	7% Strengthened			11 Gas Util						
7 Days - 12/11/23 to 12/18/23 UTILITIES - Water Utilities	Period 1 of 10 (Current)	10	-2%		1%	4% Unchanged		•	•	10 Water Util	•		•	•	
7 Days - 12/04/23 to 12/11/23 UTILITIES - Water Utilities 7 Days - 11/27/23 to 12/04/23 UTILITIES - Water Utilities	Period 2 of 10 Period 3 of 10	10 10	-5%		-1% 3%	4% Strengthened 6% Strengthened	1		10 Water Util->	10 Water Util 10 Water Util->					
7 Days - 11/2//23 to 12/04/23 UTILITIES - Water Utilities	Period 4 of 10	10	-6%	_	1%	3% Strengthened			10 Water Util	Lo Mater Ottra					
7 Days - 11/13/23 to 11/20/23 UTILITIES - Water Utilities	Period 5 of 10	10	1%		3%	7% Strengthened	1	10 Water Util->							
7 Days - 11/06/23 to 11/13/23 UTILITIES - Water Utilities	Period 6 of 10	10	-10%		-5%	0% Weakened		<-Water Util 10							
7 Days - 10/30/23 to 11/06/23 UTILITIES - Water Utilities	Period 7 of 10	10	2%		7%	13% Strengthened	10 Water Util->	10 Water Util->	10 Water Util->					•	
7 Days - 10/23/23 to 10/30/23 UTILITIES - Water Utilities 7 Days - 10/16/23 to 10/23/23 UTILITIES - Water Utilities	Period 8 of 10 Period 9 of 10	10 10	-2%		2%	8% Unchanged -2% Unchanged	10 Water Util 10 Water Util						•		
7 Days - 10/09/23 to 10/16/23 UTILITIES - Water Utilities	Period 10 of 10	10	-4%	-	-1%	1% Unchanged	10 Water Util								

Green Highlight: Strengthened <mark>Red Highlight: Weakened</mark> No Highlight: Unchanged

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For educational purposes only. Not a stock or investment recommendation.

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# 2C. Stocks 1 Week Strongest and Weakest

What: stocks currently rated Strongest/Weakest (highest/lowest of 9 strength ratings) Why: most interesting stocks for available capital because

- the Strongest have the least amount of overhead supply to dampen breakouts while
- the Weakest may be prone to volatility, subject to big pops from bottom-fishing and short-covering BUT ALSO to bigger and faster falls.

(Not guaranteed and not a recommendation - weak stocks in weakening sub-industries may be better shorts than high-flyers.)

STOCK DETAIL (EDUCATIONAL PURPOSES ONLY/NOT FINANCIAL ADVICE)									1 week 12/11/23 to 12/18/23										
Sub-Industry	<ul> <li><u>Ticker</u></li> </ul>	<ul> <li><u>Company</u></li> </ul>		~ <u>ID1</u> ~	<u>ID2</u> -	<u>% Chg</u> 👻	<u>ID3</u> -	Status -T	<u>9Weakest</u> 💌	8VWeak 🔻	7Weaker 💌	<u>6Weak</u> -	5Avg 👻	4Strong - 3Stro	onger 👻	2VStrong 💌	1Strongest		
UTILITIES - Diversified Utilities	GNE	Genie Energy		15-59-55	100%	5%	749	6 1Strongest							•		GNE		
UTILITIES - Diversified Utilities	NRG	NRG Energy Inc		15-59-55	100%	3%	309	6 1Strongest					4 00 0				NRG		
UTILITIES - Diversified Utilities	PCG	Pacific Gas & Electric Co		11-59-55	67%	-2%	39	6 1Strongest					STO	C K 5 M		PCG>	PCG>		
UTILITIES - Diversified Utilities	AEE	Ameren Corp		99-59-55	26%	-9%	-139	6 9Weakest		<aee< td=""><td><aee< td=""><td><aee< td=""><td>V 7 0</td><td>8 % G R 7 V 2</td><td></td><td></td><td></td></aee<></td></aee<></td></aee<>	<aee< td=""><td><aee< td=""><td>V 7 0</td><td>8 % G R 7 V 2</td><td></td><td></td><td></td></aee<></td></aee<>	<aee< td=""><td>V 7 0</td><td>8 % G R 7 V 2</td><td></td><td></td><td></td></aee<>	V 7 0	8 % G R 7 V 2					
UTILITIES - Diversified Utilities	EXC	Exelon Corporation		99-59-55	45%	-13%	-159	6 9Weakest		<exc< td=""><td><exc< td=""><td><exc< td=""><td>D 9 8</td><td>MARKET</td><td></td><td></td><td></td></exc<></td></exc<></td></exc<>	<exc< td=""><td><exc< td=""><td>D 9 8</td><td>MARKET</td><td></td><td></td><td></td></exc<></td></exc<>	<exc< td=""><td>D 9 8</td><td>MARKET</td><td></td><td></td><td></td></exc<>	D 9 8	MARKET					
UTILITIES - Electric Utilities	TAC	Transalta Corp		95-65-55	52%	3%	-129	6 9Weakest	TAC				1 54 *	0 3 > 8 9 8 X					
UTILITIES - Foreign Utilities	CEPU	Central Puerto SA		15-51-55	85%	8%	449	6 1Strongest					OR	GANIZER	1		CEPU		
UTILITIES - Foreign Utilities	CWCO	Consolidtd Water Co Inc		15-51-55	89%	-1%	439	6 1Strongest									cwco		
UTILITIES - Gas Utilities	SPH	Suburban Propane Partnr		15-55-55	46%	-1%	109	6 1Strongest					-1010	1 0 0 0 10 1 2 1			SPH		

Strongest to Weakest stocks ratio is 6:3 (8% and 4% of total) 12/11/23 to 12/18/23.

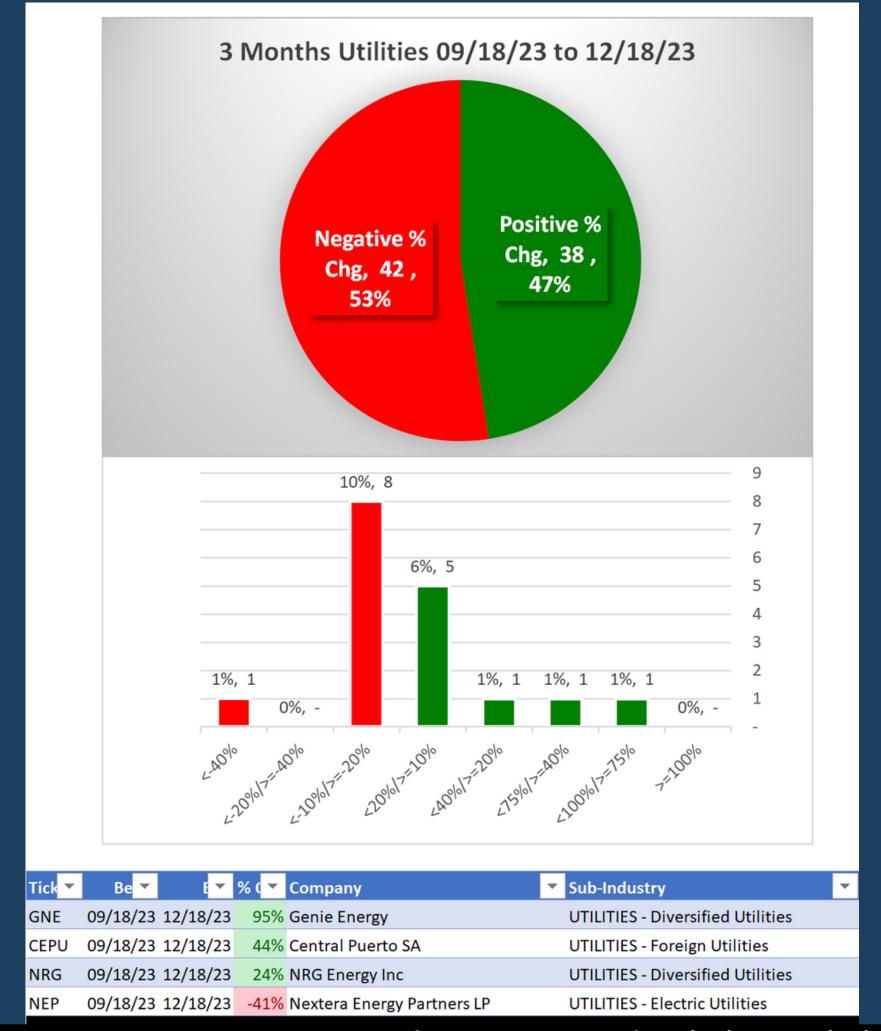
Green Highlight: Strengthened <mark>Red Highlight: Weakened</mark> No Highlight: Unchanged

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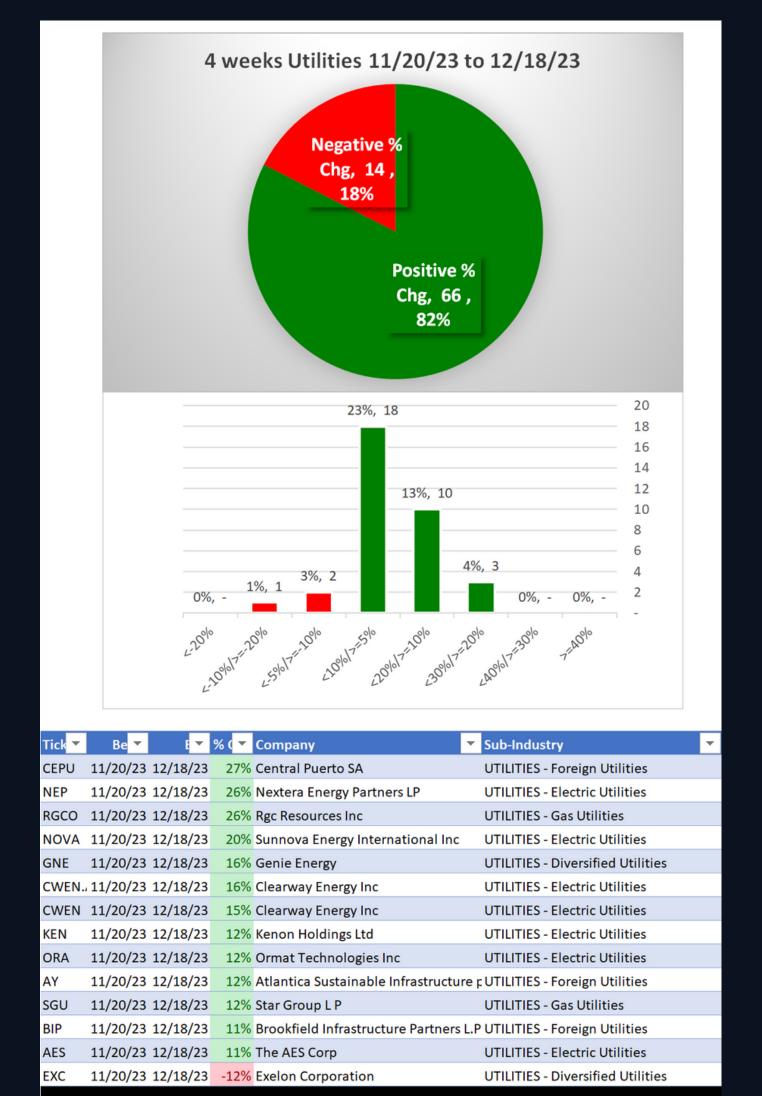
3. STRENGTH BY LOOKBACK PERIOD (with Best/Worst stocks) 3A. Lookback 3 Months



3 stocks >+20% and 1 stock <-20% (4% and 1% of total) 09/18/23 to 12/18/23.

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## 3. STRENGTH BY LOOKBACK PERIOD (with Best/Worst stocks) 3B. Lookback 4 Weeks



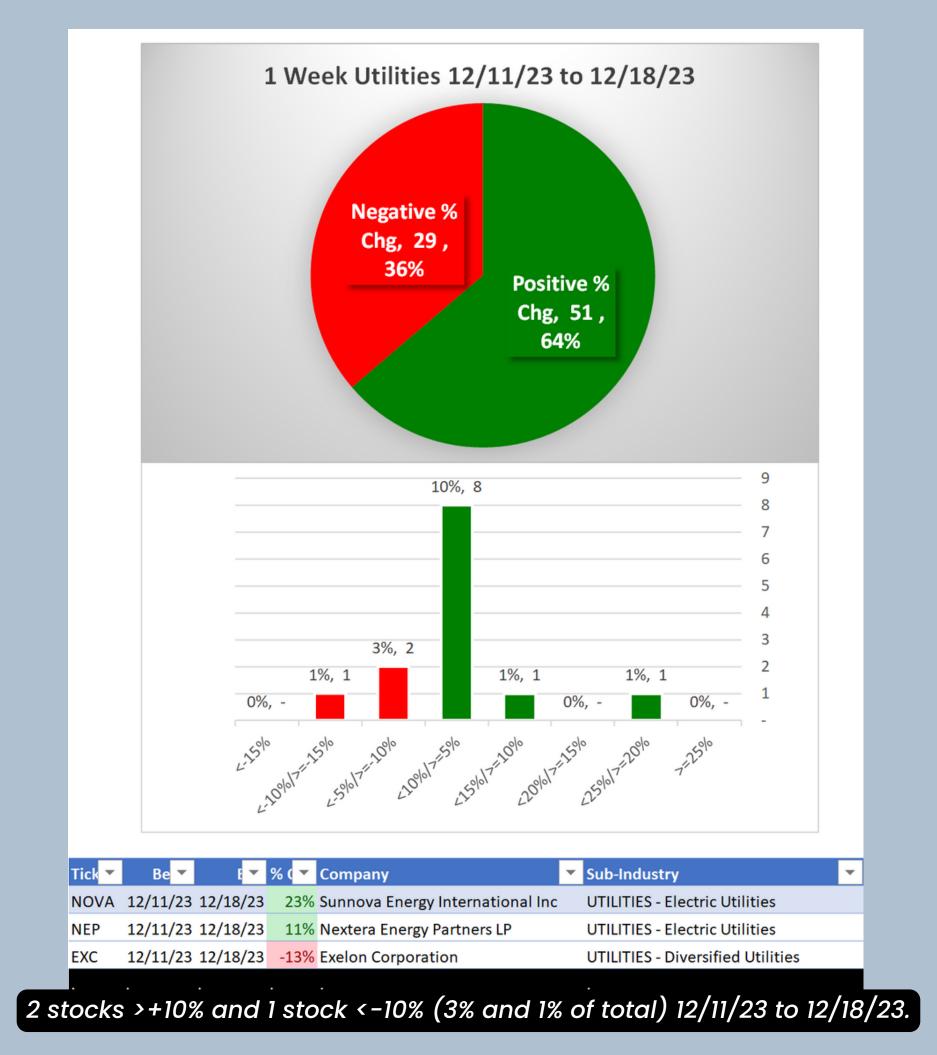
13 stocks  $\rightarrow$  +10% and 1 stock < -10% (16% and 1% of total) 11/20/23 to 12/18/23.

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3. STRENGTH BY LOOKBACK PERIOD (with Best/Worst stocks)

#### 3C. Lookback 1 Week



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