

Industry Status: Energy

1 week 10/10/23 to 10/17/23								
9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest
.	150 ENERGY	.	.	.
.	51 Independt	.	.	.
.	14 Mj Integrtd->	14 Mj Integrtd->	.
.	.	.	4 Drill/Explr
.	.	.	.	33 Equip/Serv->	33 Equip/Serv->	.	.	.
.	29 Pipelines->	29 Pipelines->	.	.
.	19 Refin/Mktg	.	.	.
.
.

October 17, 2023

Unchanged at **STRONG** strength rating
(**4th** strongest of 9 levels),
previous move was **UP**



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3. STRENGTH BY LOOKBACK PERIOD

(with Best/Worst stocks)

3A. Lookback 3 Months

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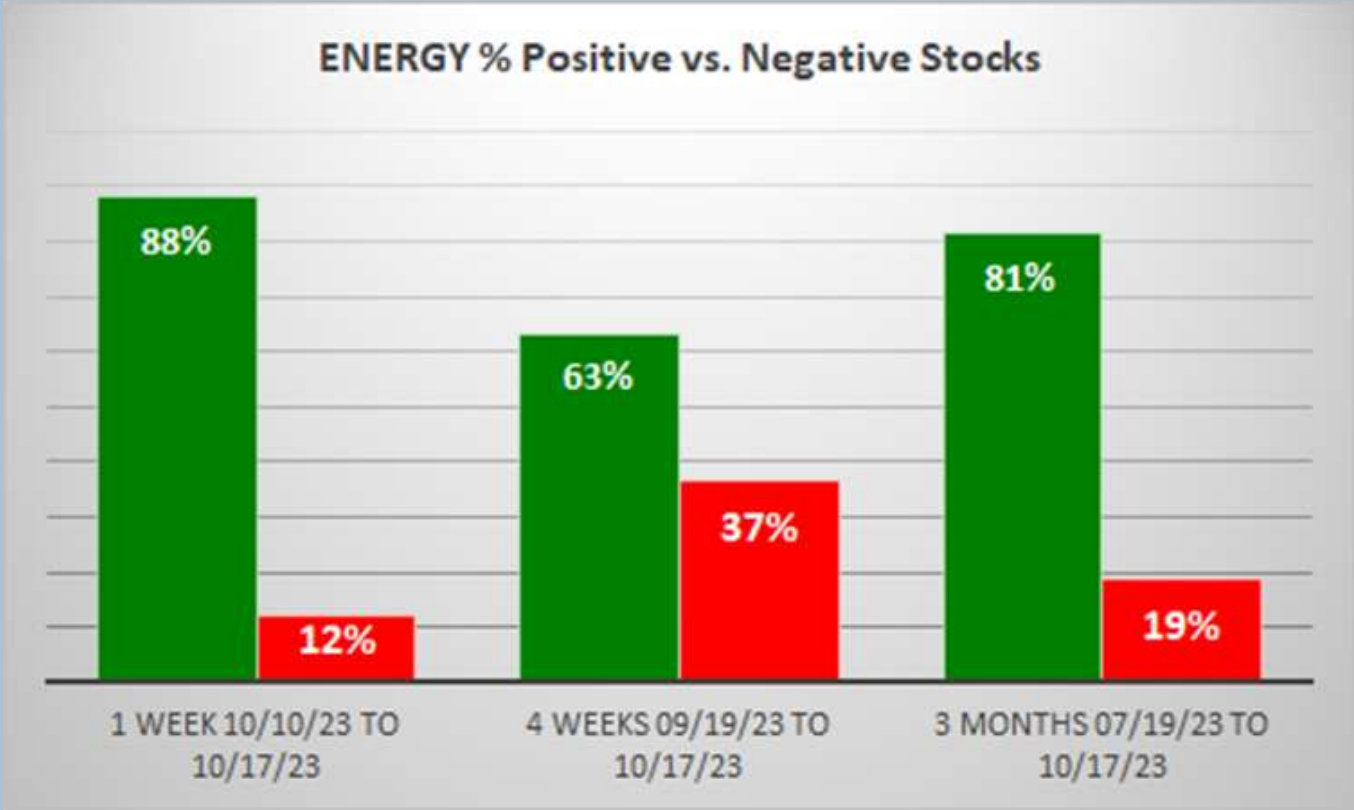
1. INDUSTRY OVERVIEW

1A. Performance

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

9Weakest	8VWeak	7Weaker	6Weak	5Avg	4Strong	3Stronger	2VStrong	1Strongest	Period
.	150 ENERGY	.	.	.	7 Days - 10/10/23 to 10/17/23
.	.	.	.	150 ENERGY->	150 ENERGY->	.	.	.	7 Days - 10/03/23 to 10/10/23
.	.	.	.	<-ENERGY 150	<-ENERGY 150	.	.	.	7 Days - 09/26/23 to 10/03/23
.	150 ENERGY	.	.	.	7 Days - 09/19/23 to 09/26/23
.	151 ENERGY	.	.	.	7 Days - 09/12/23 to 09/19/23
.	151 ENERGY	.	.	.	7 Days - 09/05/23 to 09/12/23
.	151 ENERGY	.	.	.	7 Days - 08/29/23 to 09/05/23
.	151 ENERGY	.	.	.	7 Days - 08/22/23 to 08/29/23
.	152 ENERGY	.	.	.	7 Days - 08/15/23 to 08/22/23
.	152 ENERGY	.	.	.	7 Days - 08/08/23 to 08/15/23

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



1B. Background

Largest of 6 sub-industries (150 stocks, average 25):

- * Independent Oil & Gas (51 stocks)
- * Oil & Gas Equipment & Services (33 stocks)
- * Oil & Gas Pipelines (29 stocks)
- * Oil & Gas Refining & Marketing (19 stocks)
- * Major Integrated Oil & Gas (14 stocks)

Top 10 by Market Capitalization:

XOM/Exxon Mobil Corporation, CVX/Chevron Corp, TTE/TotalEnergies SE, COP/ConocoPhillips, BP/BP P.L.C., PBR/Petroleo Brasileiro S.A. Petrobras ADS, SLB/Schlumberger Ltd, EQNR/Equinor ASA, EOG/Eog Resources Inc, CNQ/Canadian Natural Res Ltd

2. SUB-INDUSTRIES AND STOCKS DETAIL

2A. Sub-Industries Overview

Strengthened: 3/6 sub-industries

Weakened: 0/6 sub-industries

STRONGEST at Very Strong rating/2nd strongest of 9 levels:

- * Major Integrated Oil & Gas (14 stocks)

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

- * Oil & Gas Drilling & Exploration (4 stocks)

2B. Sub-Industries 10-Week Strengthening Analysis

What: recent week-by-week strength changes for the industry and each underlying sub-industry

Why: objective measurement of strengthening and weakening enabling comparison within and across industries and sub-industries

INDUSTRY CURRENT PERIOD SUMMARY

Length - Begin/End	Industry/Sub-Industry	Period	#	Min	Avg	Max	Status	1 week 10/10/23 to 10/17/23	4Strong	3Stronger	2VStrong	1Strongest
7 Days - 10/10/23 to 10/17/23	ENERGY	Period 1 of 10 (Current)	150	-12%	3%	14%	Strengthened		150 ENERGY			
7 Days - 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	Period 1 of 10 (Current)	51	-12%	5%	12%	Strengthened		51 Independt			
7 Days - 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	Period 1 of 10 (Current)	14	1%	4%	14%	Strengthened			14 MJ Integrtd->	14 MJ Integrtd->	
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Drilling & Exploration	Period 1 of 10 (Current)	4	-7%	-1%	2%	Unchanged	4 Drill/Explr				
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	Period 1 of 10 (Current)	33	-4%	3%	10%	Strengthened	33 Equip/Serv->	33 Equip/Serv->			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	Period 1 of 10 (Current)	29	-9%	2%	8%	Strengthened	29 Pipelines->	29 Pipelines->			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Refining & Marketing	Period 1 of 10 (Current)	19	-8%	0%	7%	Weakened	19 Refin/Mktg				
7 Days - 10/10/23 to 10/17/23		Period 1 of 10 (Current)										
7 Days - 10/10/23 to 10/17/23		Period 1 of 10 (Current)										

PREVIOUS WEEKS (EDUCATIONAL PURPOSES ONLY/NOT A STOCK OR INVESTMENT RECOMMENDATION)

Length - Begin/End	Industry/Sub-Industry	Period	#	Min	Avg	Max	Status	1 week 10/10/23 to 10/17/23	4Strong	3Stronger	2VStrong	1Strongest
7 Days - 10/10/23 to 10/17/23	ENERGY	Period 1 of 10 (Current)	150	-12%	3%	14%	Strengthened					
7 Days - 10/10/23 to 10/17/23	ENERGY	Period 2 of 10	150	-12%	5%	12%	Strengthened	150 ENERGY->	150 ENERGY->			
7 Days - 10/10/23 to 10/17/23	ENERGY	Period 3 of 10	150	-12%	5%	12%	Weakened	<ENERGY 150	<ENERGY 150			
7 Days - 10/10/23 to 10/17/23	ENERGY	Period 4 of 10	150	-10%	1%	18%	Weakened		150 ENERGY			
7 Days - 10/10/23 to 10/17/23	ENERGY	Period 5 of 10	151	-23%	1%	18%	Unchanged		151 ENERGY			
7 Days - 10/10/23 to 10/17/23	ENERGY	Period 6 of 10	151	-9%	1%	11%	Unchanged		151 ENERGY			
7 Days - 10/10/23 to 10/17/23	ENERGY	Period 7 of 10	151	-8%	2%	13%	Strengthened		151 ENERGY			
7 Days - 10/10/23 to 10/17/23	ENERGY	Period 8 of 10	151	-10%	1%	10%	Unchanged		151 ENERGY			
7 Days - 10/10/23 to 10/17/23	ENERGY	Period 9 of 10	152	-11%	0%	27%	Strengthened		152 ENERGY			
7 Days - 10/10/23 to 10/17/23	ENERGY	Period 10 of 10	152	-20%	1%	13%	Weakened		152 ENERGY			
7 Days - 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	Period 1 of 10 (Current)	51	-12%	5%	12%	Strengthened		51 Independt			
7 Days - 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	Period 2 of 10	51	-12%	5%	16%	Strengthened	51 Independt->	51 Independt->			
7 Days - 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	Period 3 of 10	51	-10%	-2%	7%	Weakened	<Independt 51	<Independt 51			
7 Days - 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	Period 4 of 10	51	-7%	1%	8%	Strengthened		51 Independt			
7 Days - 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	Period 5 of 10	51	-21%	3%	18%	Weakened		51 Independt			
7 Days - 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	Period 6 of 10	51	-4%	0%	11%	Strengthened		51 Independt			
7 Days - 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	Period 7 of 10	51	-6%	3%	13%	Unchanged		51 Independt			
7 Days - 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	Period 8 of 10	51	-10%	1%	6%	Strengthened		51 Independt			
7 Days - 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	Period 9 of 10	51	-8%	1%	27%	Strengthened		51 Independt			
7 Days - 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	Period 10 of 10	51	-13%	2%	9%	Weakened		51 Independt			
7 Days - 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	Period 1 of 10 (Current)	14	1%	4%	14%	Strengthened			14 MJ Integrtd->	14 MJ Integrtd->	
7 Days - 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	Period 2 of 10	14	-5%	3%	7%	Strengthened		14 MJ Integrtd->	14 MJ Integrtd->		
7 Days - 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	Period 3 of 10	14	-5%	-2%	2%	Weakened	<MJ Integrtd 14	<MJ Integrtd 14			
7 Days - 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	Period 4 of 10	14	-10%	-3%	0%	Unchanged		14 MJ Integrtd			
7 Days - 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	Period 5 of 10	14	-2%	1%	4%	Unchanged		14 MJ Integrtd			
7 Days - 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	Period 6 of 10	14	-9%	1%	4%	Strengthened		14 MJ Integrtd			
7 Days - 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	Period 7 of 10	14	-8%	1%	6%	Unchanged		14 MJ Integrtd			
7 Days - 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	Period 8 of 10	14	-1%	2%	8%	Strengthened		14 MJ Integrtd->	14 MJ Integrtd->		
7 Days - 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	Period 9 of 10	14	-2%	1%	5%	Unchanged		14 MJ Integrtd			
7 Days - 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	Period 10 of 10	14	-5%	-1%	0%	Weakened		14 MJ Integrtd			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Drilling & Exploration	Period 1 of 10 (Current)	4	-7%	-1%	2%	Unchanged	4 Drill/Explr				
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Drilling & Exploration	Period 2 of 10	4	-2%	3%	8%	Strengthened	4 Drill/Explr				
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Drilling & Exploration	Period 3 of 10	4	-8%	2%	2%	Weakened	4 Drill/Explr				
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Drilling & Exploration	Period 4 of 10	4	-8%	0%	0%	Weakened	<Drill/Explr 4	<Drill/Explr 4			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Drilling & Exploration	Period 5 of 10	4	-5%	-1%	6%	Strengthened	4 Drill/Explr->	4 Drill/Explr->			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Drilling & Exploration	Period 6 of 10	4	-4%	0%	3%	Unchanged	4 Drill/Explr				
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Drilling & Exploration	Period 7 of 10	4	-3%	2%	5%	Strengthened	4 Drill/Explr				
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Drilling & Exploration	Period 8 of 10	4	-3%	0%	1%	Weakened	4 Drill/Explr				
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Drilling & Exploration	Period 9 of 10	4	-8%	1%	2%	Weakened	4 Drill/Explr				
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Drilling & Exploration	Period 10 of 10	4	-7%	3%	-2%	Weakened	<Drill/Explr 4	<Drill/Explr 4			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	Period 1 of 10 (Current)	33	-4%	3%	10%	Strengthened	33 Equip/Serv->	33 Equip/Serv->			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	Period 2 of 10	33	-5%	1%	21%	Weakened	33 Equip/Serv 33	33 Equip/Serv 33			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	Period 3 of 10	33	-16%	-3%	2%	Weakened	<Equip/Serv 33	<Equip/Serv 33			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	Period 4 of 10	33	-10%	0%	18%	Weakened		33 Equip/Serv			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	Period 5 of 10	33	-8%	3%	5%	Weakened		33 Equip/Serv			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	Period 6 of 10	33	-6%	3%	8%	Strengthened		33 Equip/Serv			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	Period 7 of 10	33	0%	4%	13%	Strengthened	33 Equip/Serv->	33 Equip/Serv->			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	Period 8 of 10	33	-3%	2%	10%	Unchanged	33 Equip/Serv				
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	Period 9 of 10	34	-11%	1%	7%	Unchanged	34 Equip/Serv				
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	Period 10 of 10	34	-20%	2%	13%	Weakened	<Equip/Serv 34	<Equip/Serv 34			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	Period 1 of 10 (Current)	29	-9%	2%	8%	Strengthened	29 Pipelines->	29 Pipelines->			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	Period 2 of 10	29	0%	4%	12%	Strengthened	29 Pipelines->	29 Pipelines->			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	Period 3 of 10	29	-6%	-1%	30%	Weakened	<Pipelines 29	<Pipelines 29			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	Period 4 of 10	29	-7%	-2%	2%	Unchanged		29 Pipelines			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	Period 5 of 10	29	-6%	0%	5%	Unchanged		30 Pipelines			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	Period 6 of 10	30	-3%	0%	6%	Weakened		30 Pipelines			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	Period 7 of 10	30	-5%	1%	7%	Strengthened		30 Pipelines			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	Period 8 of 10	30	-4%	1%	4%	Unchanged		30 Pipelines			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	Period 9 of 10	30	-6%	1%	8%	Strengthened	30 Pipelines->	30 Pipelines->			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	Period 10 of 10	30	-12%	1%	4%	Weakened	<Pipelines 30	<Pipelines 30			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Refining & Marketing	Period 1 of 10 (Current)	19	-8%	0%	7%	Weakened	19 Refin/Mktg				
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Refining & Marketing	Period 2 of 10	19	-4%	1%	6%	Unchanged	19 Refin/Mktg				
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Refining & Marketing	Period 3 of 10	19	-13%	-4%	3%	Weakened	<Refin/Mktg 19	<Refin/Mktg 19			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Refining & Marketing	Period 4 of 10	19	-4%	1%	3%	Unchanged		19 Refin/Mktg			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Refining & Marketing	Period 5 of 10	19	-7%	0%	11%	Strengthened		19 Refin/Mktg			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Refining & Marketing	Period 6 of 10	19	-4%	3%	11%	Unchanged		19 Refin/Mktg			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Refining & Marketing	Period 7 of 10	19	-2%	2%	7%	Strengthened	19 Refin/Mktg->	19 Refin/Mktg->			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Refining & Marketing	Period 8 of 10	19	-6%	0%	3%	Weakened	<Refin/Mktg 19	<Refin/Mktg 19			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Refining & Marketing	Period 9 of 10	19	-3%	0%	8%	Strengthened	19 Refin/Mktg->	19 Refin/Mktg->			
7 Days - 10/10/23 to 10/17/23	ENERGY - Oil & Gas Refining & Marketing	Period 10 of 10	19	-5%	0%	4%	Strengthened	19 Refin/Mktg				

Green Highlight: Strengthened

Red Highlight: Weakened

No Highlight: Unchanged

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October 17, 2023

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

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

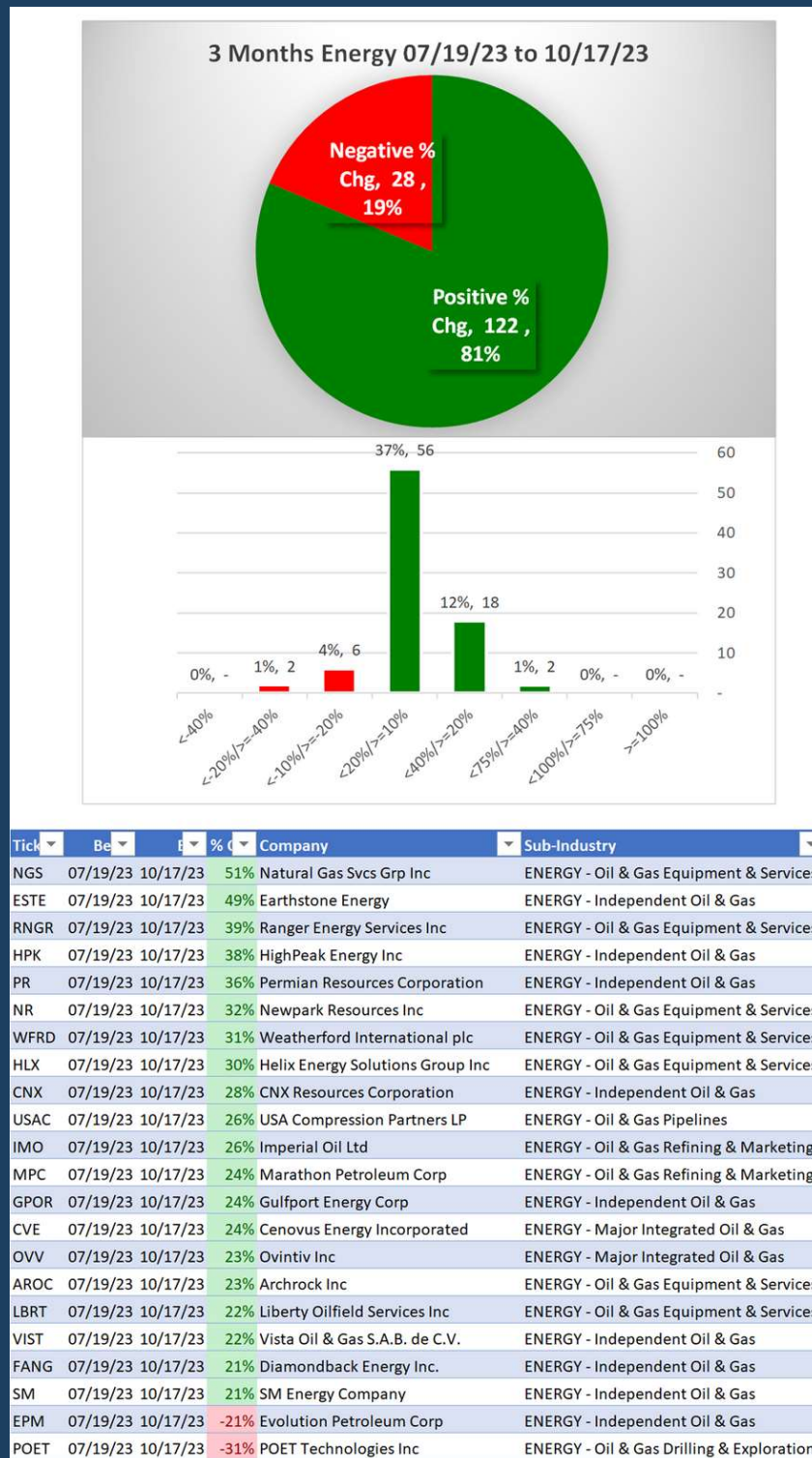
- the Strongest have the least amount of overhead supply to dampen breakouts while
- the Weakest may be prone to volatility, subject to big pops from bottom-fishing and short-covering BUT ALSO to bigger and faster falls.

(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 10/10/23 to 10/17/23									
Length - Begin/End	Sub-Industry	Ticker	Company	ID1	ID2	% Chg	ID3	Status		SWeakest	EWWeak	ZWeaker	EWweak	NAve	4Strong	3Strong	ZVStrong	1Strongest	
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	SWN	Southwestern Energy Co	15-41-41	72%	10%	29%	1Strongest											SWN
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	ESTE	Earthstone Energy	11-41-41	100%	9%	46%	1Strongest											ESTE
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	MRO	Marathon Oil Group	11-41-41	85%	9%	14%	1Strongest											MRO-->
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	PR	Permian Resources Corporation	15-41-41	100%	9%	36%	1Strongest											PR
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	EGY	Valero Energy Inc	11-41-41	48%	9%	5%	1Strongest											EGY-->
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	MTDR	Matador Resources Company	11-41-41	88%	9%	19%	1Strongest											MTDR-->
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	FANG	Diamondback Energy Inc.	15-41-41	100%	8%	19%	1Strongest											FANG
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	SM	SM Energy Company	11-41-41	77%	7%	29%	1Strongest											SM-->
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	VTLE	Vital Energy Inc.	11-41-41	45%	7%	13%	1Strongest											VTLE-->
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	PXD	Pioneer Natural Resco Co	15-41-41	85%	6%	15%	1Strongest											PXD
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	EOG	EOG Resources Inc.	11-41-41	88%	6%	11%	1Strongest											EOG-->
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	MUR	Murphy Oil Corp	11-41-41	93%	6%	17%	1Strongest											MUR-->
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	VIST	Vista Oil & Gas S.A.B. de C.V.	15-41-41	100%	6%	47%	1Strongest											VIST
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	BRY	Berry Corp	11-41-41	61%	6%	9%	1Strongest											BRY-->
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	CPE	Callon Petroleum Co	11-41-41	43%	5%	8%	1Strongest											CPE-->
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	CHRD	Chord Energy Corporation	15-41-41	96%	4%	16%	1Strongest											CHRD
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	COP	ConocoPhillips	15-41-41	92%	4%	14%	1Strongest											COP
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	CNX	CNX Resources Corporation	15-41-41	100%	4%	32%	1Strongest											CNX
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	RRC	Range Resources Corp	15-41-41	95%	4%	26%	1Strongest											RRC
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	ERF	Enbridge Energy Services	11-41-41	92%	3%	12%	1Strongest											ERF-->
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	CPG	Crescent Point Energy	11-41-41	76%	3%	14%	1Strongest											CPG-->
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	CNQ	Canadian Natural Res Ltd	15-41-41	97%	3%	14%	1Strongest											CNQ
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	GPOR	Gulfport Energy Corp	15-41-41	100%	2%	34%	1Strongest											GPOR
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	BSM	Black Stone Minerals LP	11-41-41	88%	2%	10%	1Strongest											BSM-->
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	PNRG	Prism Energy Corporation	15-41-41	48%	1%	15%	1Strongest											PNRG
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	DEV	Devco Energy Inc	11-41-41	59%	1%	5%	1Strongest											DEV-->
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	EQT	Equinor ASA	15-41-41	86%	0%	21%	1Strongest											EQT
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	KOS	Kosmos Energy Ltd	15-41-41	87%	0%	7%	1Strongest											KOS
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	BPT	BP Prudhoe Bay Royalty Trust	95-41-41	16%	10%	-27%	9Weakest											BPT
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	PRT	PermianRock Royalty Trust	95-41-41	51%	4%	-5%	9Weakest											PRT
1 week 10/10/23 to 10/17/23	ENERGY - Independent Oil & Gas	PBT	Permian Basin Royalty Tr	15-41-41	75%	1%	-10%	9Weakest											PBT
1 week 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	PBR	Petroleo Brasileiro S.A. Petrobras ADS	15-21-41	89%	7%	29%	1Strongest											PBR
1 week 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	OVV	Ovintiv Inc	11-21-41	82%	6%	21%	1Strongest											OVV-->
1 week 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	EC	Ecopetrol S.A.	15-21-41	35%	6%	15%	1Strongest											EC
1 week 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	BP	BP P.L.C.	15-21-41	85%	6%	10%	1Strongest											BP
1 week 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	CVE	Century Energy Incorporated	15-21-41	84%	4%	16%	1Strongest											CVE
1 week 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	E	Eni SpA	15-21-41	86%	3%	11%	1Strongest											E
1 week 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	OCY	Occidental Petro Cp	15-21-41	84%	2%	6%	1Strongest											OCY
1 week 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	TTE	TotalEnergies SE	15-21-41	100%	2%	9%	1Strongest											TTE
1 week 10/10/23 to 10/17/23	ENERGY - Major Integrated Oil & Gas	SU	Suncor Energy	15-21-41	75%	1%	9%	1Strongest											SU
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Drilling & Exploration	POET	POET Technologies Inc	99-41-41	33%	-7%	-28%	9Weakest											POET
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Drilling & Exploration	LBRT	Liberty Oilfield Services Inc	15-41-41	100%	8%	31%	1Strongest											LBRT
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	PUMP	Proterra Holding Corp	11-41-41	40%	6%	21%	1Strongest											PUMP-->
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	NOV	NOV Inc	11-41-41	58%	5%	9%	1Strongest											NOV-->
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	HAL	Halliburton Co	15-41-41	100%	5%	9%	1Strongest											HAL
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	OII	Oceaneering International Inc	15-41-41	95%	4%	30%	1Strongest											OII
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	FTI	Fmc Technologies	15-41-41	67%	4%	32%	1Strongest											FTI
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	RES	RPC Inc	11-41-41	66%	4%	11%	1Strongest											RES-->
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	WFRD	Weatherford International plc	15-41-41	99%	3%	39%	1Strongest											WFRD
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	WHD	Weatherford	11-41-41	81%	3%	12%	1Strongest											WHD-->
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	NGS	Natural Gas Svcs Grp Inc	15-41-41	73%	3%	37%	1Strongest											NGS
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	SLB	Schlumberger Ltd	11-41-41	96%	3%	13%	1Strongest											SLB-->
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	HLX	Helix Energy Solutions Group Inc	15-41-41	93%	3%	30%	1Strongest											HLX
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	BKR	Baker Hughes Company	11-41-41	89%	2%	12%	1Strongest											BKR-->
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	NR	Newpark Resources Inc	15-41-41	71%	1%	46%	1Strongest											NR
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	RNR	Ranger Energy Services Inc	15-41-41	97%	1%	23%	1Strongest											RNR
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	AROC	Archrock Inc	15-41-41	98%	0%	22%	1Strongest											AROC
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	KLXE	KLX Energy Services Holdings Inc	95-41-41	5%	5%	-5%	9Weakest											KLXE
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	FET	Forum Energy Technologies	95-41-41	16%	3%	-8%	9Weakest											FET
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	TUSK	Tenneco Energy Services Inc	95-41-41	17%	2%	-7%	9Weakest											TUSK
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Equipment & Services	NINE	Nine Energy Service Inc	95-41-41	14%	-2%	-32%	9Weakest											NINE
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	TRGP	Targa Resources Corp	11-31-41	100%	6%	14%	1Strongest											TRGP-->
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	PAA	Plains All Amer Pipeline LP	11-31-41	57%	5%	14%	1Strongest											PAA-->
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	PAGP	Plains GP Holdings LP	11-31-41	58%	5%	13%	1Strongest											PAGP-->
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	WMB	Williams Companies Inc	11-31-41	93%	4%	13%	1Strongest											WMB-->
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	OKE	Okeok Inc	11-31-41	87%	4%	8%	1Strongest											OKE-->
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	AM	Antero Midstream Corporation	15-31-41	87%	4%	14%	1Strongest											AM
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	ENLC	EnLink Midstream LLC	15-31-41	95%	4%	12%	1Strongest											ENLC
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	DTM	DT Midstream Inc	11-31-41	92%	3%	10%	1Strongest											DTM-->
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	MPX	MPX LP	15-31-41	100%	2%	5%	1Strongest											MPX
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	EPD	Enterprise Products Part	15-31-41	84%	2%	5%	1Strongest											EPD
1 week 10/10/23 to 10/17/23	ENERGY - Oil & Gas Pipelines	LNG	Cheniere Energy Inc	15-31-41	96%	1													

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

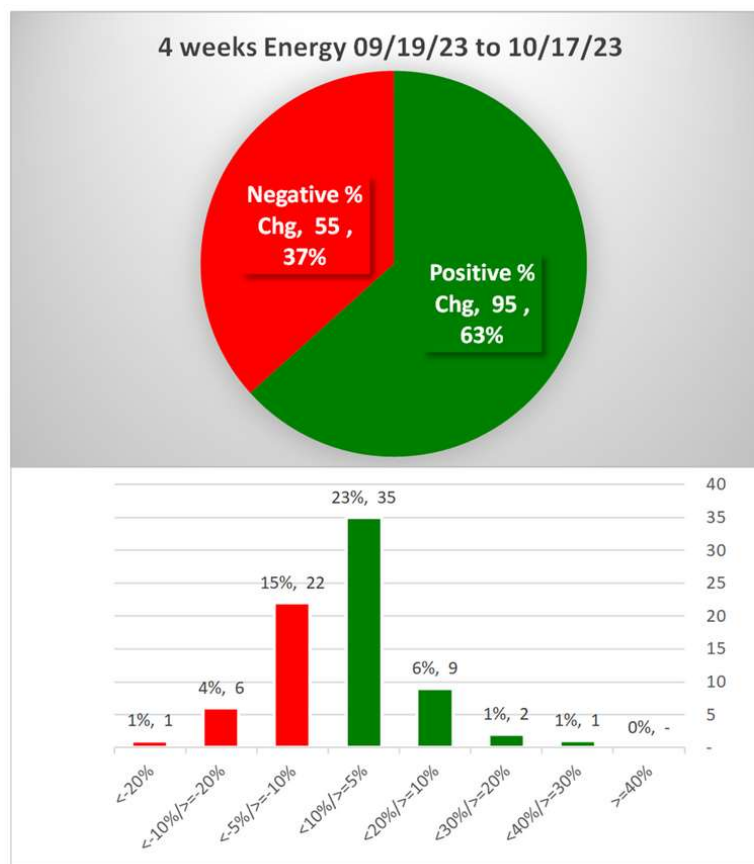
3A. Lookback 6 Months



20 stocks >+20% and 2 stocks <-20% (13% and 1% of total) 07/19/23 to 10/17/23.

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

3B. Lookback 4 Weeks

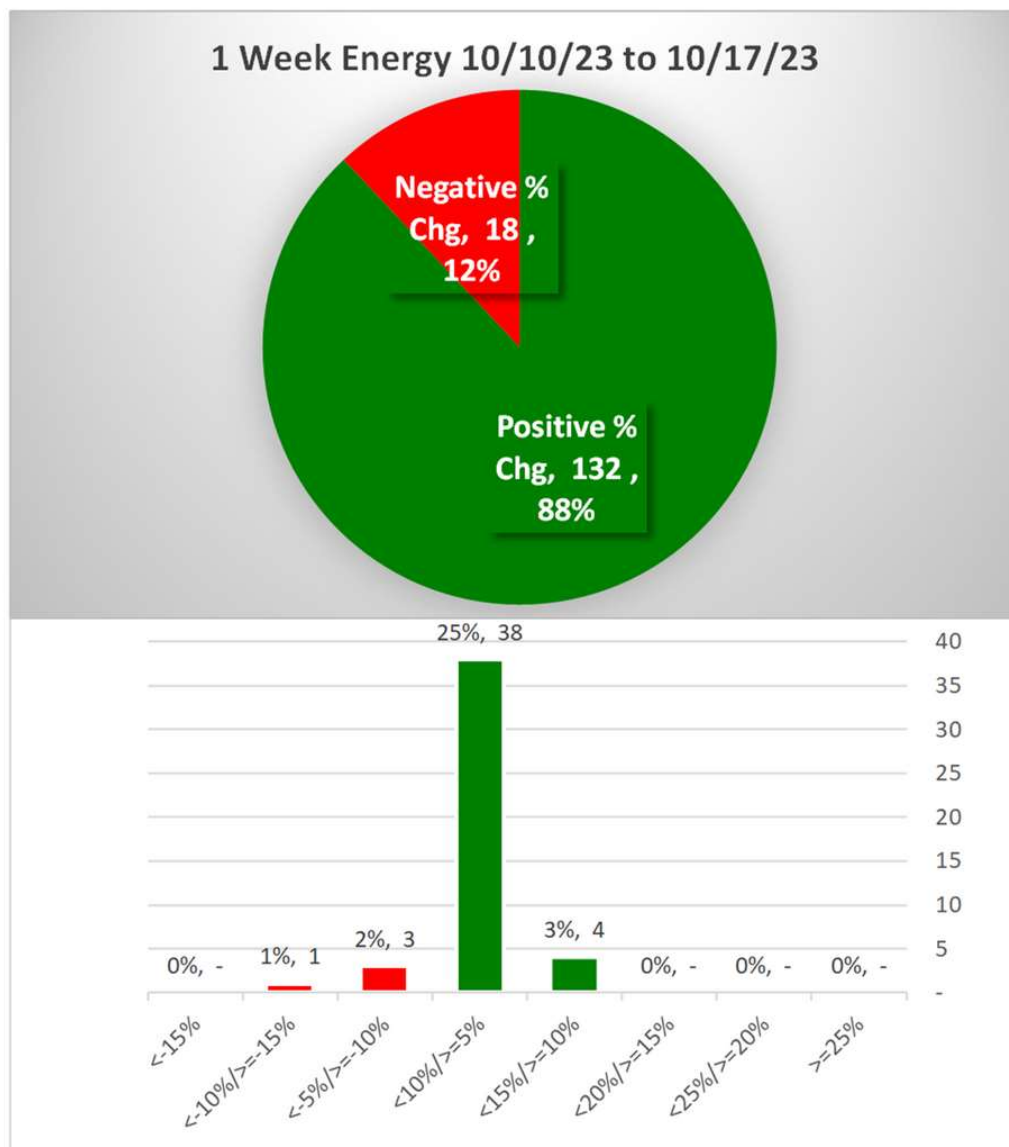


Tick	Be	E	% C	Company	Sub-Industry
SMLP	09/19/23	10/17/23	30%	Summit Midstream Partners LP	ENERGY - Oil & Gas Pipelines
NGS	09/19/23	10/17/23	28%	Natural Gas Svcs Grp Inc	ENERGY - Oil & Gas Equipment & Services
VIST	09/19/23	10/17/23	20%	Vista Oil & Gas S.A.B. de C.V.	ENERGY - Independent Oil & Gas
CRK	09/19/23	10/17/23	17%	Comstock Resources Inc	ENERGY - Independent Oil & Gas
SWN	09/19/23	10/17/23	17%	Southwestern Energy Co	ENERGY - Independent Oil & Gas
USAC	09/19/23	10/17/23	16%	USA Compression Partners LP	ENERGY - Oil & Gas Pipelines
ESTE	09/19/23	10/17/23	14%	Earthstone Energy	ENERGY - Independent Oil & Gas
NR	09/19/23	10/17/23	14%	Newpark Resources Inc	ENERGY - Oil & Gas Equipment & Services
PR	09/19/23	10/17/23	13%	Permian Resources Corporation	ENERGY - Independent Oil & Gas
RRC	09/19/23	10/17/23	13%	Range Resources Corp	ENERGY - Independent Oil & Gas
GPOR	09/19/23	10/17/23	11%	Gulfport Energy Corp	ENERGY - Independent Oil & Gas
AR	09/19/23	10/17/23	11%	Antero Resources Corporation	ENERGY - Independent Oil & Gas
DK	09/19/23	10/17/23	-10%	Delek US Holdings Inc	ENERGY - Oil & Gas Refining & Marketing
PRT	09/19/23	10/17/23	-11%	PermRock Royalty Trust	ENERGY - Independent Oil & Gas
MVO	09/19/23	10/17/23	-12%	MV Oil Trust	ENERGY - Independent Oil & Gas
AE	09/19/23	10/17/23	-13%	Adams Resources & Energy Inc	ENERGY - Oil & Gas Refining & Marketing
POET	09/19/23	10/17/23	-14%	POET Technologies Inc	ENERGY - Oil & Gas Drilling & Exploration
CLMT	09/19/23	10/17/23	-15%	Calumet Specialty Products Partners	ENERGY - Oil & Gas Refining & Marketing
BPT	09/19/23	10/17/23	-23%	BP Prudhoe Bay Royal Trust	ENERGY - Independent Oil & Gas

12 stocks >+10% and 7 stocks <-10% (8% and 5% of total) 09/19/23 to 10/17/23.

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

3C. Lookback 1 Week



Tick	Be	E	% C	Company	Sub-Industry
YPF	10/10/23	10/17/23	14%	Ypf Sociedad Anonima	ENERGY - Major Integrated Oil & Gas
HPK	10/10/23	10/17/23	12%	HighPeak Energy Inc	ENERGY - Independent Oil & Gas
REPX	10/10/23	10/17/23	11%	Riley Exploration Permian Inc	ENERGY - Independent Oil & Gas
NBR	10/10/23	10/17/23	10%	Nabors Industries Inc	ENERGY - Oil & Gas Equipment & Services
MVO	10/10/23	10/17/23	-12%	MV Oil Trust	ENERGY - Independent Oil & Gas

4 stocks >+10% and 1 stock <-10% (3% and 1% of total) 10/10/23 to 10/17/23.