

October 25, 2023

Exceptional & Rich XLE 24™ Factsheet

Description

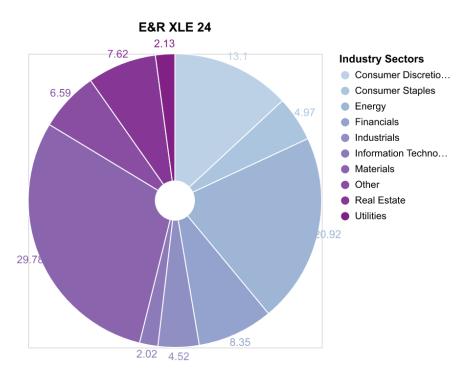
Exceptional & Rich XLE 24 Index [E&R XLE 24] has been created to improve the statistical and scientific design flaws of the market capitalization methodology used in the Energy Select Sector SPDR Fund, which is widely regarded as the best single gauge of large-cap energy equities. Unlike market capitalization methodology which is risk-increasing and return-reducing owing to its concentration, the E&R is designed to own 24 large-cap energy equities, and deliver higher risk-weighted excess returns while maintaining low tracking error vs. the Energy Select Sector SPDR Fund.

Methodology

The methodology is based on a modern science innovation, which uses Reversion-Divergence framework to dynamically score, weight and rebalance components in a group to deliver higher risk-weighted excess returns. The method removes the conflict between Efficient and Inefficient market thinking, statistically normal and non-normal behavior, or in simple terms the conflict between Value and Growth investing. The methodology is not Size biased, and obviates the need for concentration and runningafter winners but rather adopts a slower weight readjustment compared to the Energy Select Sector SPDR Fund.

1. Exceptional & Rich XLE 24 - Inception date January 2013

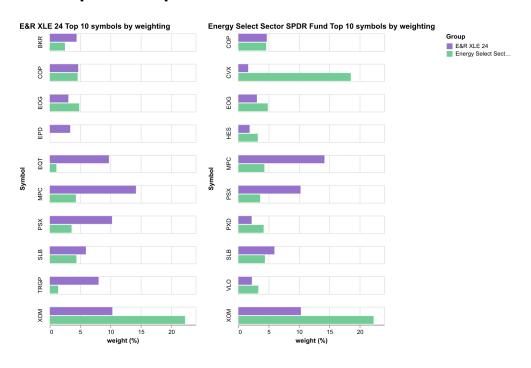
1.1. Sector Breakdown (percentage)



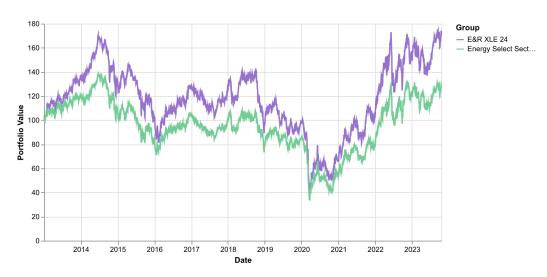
1.2. Top 10 Components

	Nr./Symbol	Name	Current Price	P&L(%)	E&R XLE 24 Proportion(%)
1	MPC	MARATHON PETROLEUM CORP	150.86	2.61	14.17
2	XOM	EXXON MOBIL CORP	111.08	2.92	10.30
3	PSX	PHILLIPS 66	113.54	41.24	10.23
4	EQT	EQT CORP	42.35	23.29	9.73
5	TRGP	TARGA RESOURCES CORP	86.69	62.83	8.03
6	SLB	SCHLUMBERGER LTD	58.21	9.48	5.94
7	COP	CONOCOPHILLIPS	124.06	19.03	4.68
8	BKR	Baker Hughes Company	34.84	10.25	4.41
9	EPD	Enterprise Products Partners LP	27.49	12.62	3.36
10	EOG	EOG RESOURCES INC	133.23	170.90	3.06

1.3. Top 10 Comparisons



1.4. Performance Plot Since January 2013



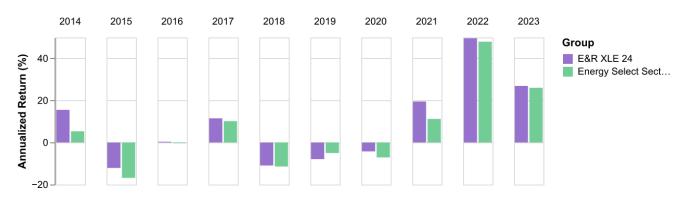
1.5. Performance Metrics

The table illustrates the performance across various parameters. The Performance (%) of Portfolio from different starting points, Current portfolio value of the funds invested at inception, Annualized (%) Returns, Annualized Standard Deviation (%), Average Tracking Error (%) and Average Information Ratio (%).

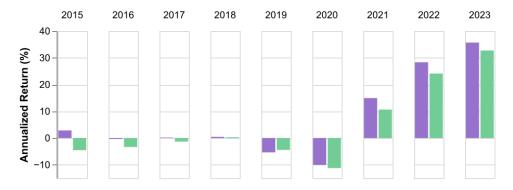
	Nr./Name	E&R XLE 24	S&P TSX 60
1	Performance (%) since January 2014	24.67	5.03
2	Performance (%) since January 2017	35.60	23.42
3	Performance (%) since January 2020	72.79	50.33
4	Performance (%) since January 2023	9.42	3.19
5	Current Portfolio Value (Invested in January $2\dots$	170.56	127.38
6	Annualized (%) Return (Since January 2013)	5.07	2.27
7	Annualized Std. Deviation (%)	30.83	28.64

1.6. Annualized Rolling Return

2YR Annualized Rolling Return



3YR Annualized Rolling Return



1.7. Drawdown Analysis

A daily time series plot illustrating drawdowns of more than 10% from peak equity.



MI./FOITIONO DIAWGOWNS (%)	Start date	End date	Maximum (70)	Days	NI./Belicilliark Drawdowns (76)	Start date	Ella date	Waxiiiuiii (70)	Days
1 -	7-Jun-22	8-Sep-23	-77.8	458	1 -	23-Jun-14	24-Oct-23	-76.03	3410

Bibliography

- [1] Matia, Kaushik and Pal, Mukul and Stanley, H. Eugene and Salunkay, H., Scale-Dependent Price Fluctuations for the Indian Stock Market. EuroPhysics Letters, Aug 2003
- [2] M. Pal, M. Shah, A. Mitroi, Temporal Changes in Shiller's Exuberance Data, SSRN, Feb 2011
- [3] M. Pal, Mean Reversion Framework, SSRN, May 2015
- [4] M. Pal, Markov and the Mean Reversion Framework, SSRN, May 2015
- [5] M. Pal, Momentum and Reversion, Aug 2015
- [6] M. Pal, What is Value, SSRN, Sep 2015
- [7] M. Pal, M. Ferent, Stock Market Stationarity, SSRN, Sep 2015
- [8] M. Pal, Reversion Diversion Hypothesis, SSRN, Nov 2015
- [9] M. Pal, How Physics Solved your wealth problem, SSRN, Oct 2016
- [10] M. Pal, Human Al, SSRN, Jul 2017
- [11] M. Pal, The Size Proxy, Aug 2017
- [12] M. Pal, The Beta Maths, SSRN, Mar 2017
- [13] Maureen, O. Bhattacharya, A. ETFs and Systematic Risk. CFA Research Institute, Jan 2020
- [14] M. Pal, [3N] model of life, SSRN, Apr 2021
- [15] M. Pal, The S&P 500 Myth, SSRN, Jul 2022
- [16] M. Pal, The Snowball Effect, SSRN, Jul 2022
- [17] M. Pal, Mechanisms of Psychology, SSRN, Jun 2022
- [18] M. Pal, The [3N] model of life, SSRN, Feb 2023







AlphaBlock Research:

Mukul Pal

mukul@alphablock.org

Florina Pal

florina@alphablock.org

Patricia Ratiu

patricia@alphablock.org

Ciprian Tiric

ciprian.tiric@alphablock.org

CONFIDENTIALITY NOTICE: The information contained in this communication is intended solely for the use of the individual or entity to whom it is addressed and others authorized toreceive it, It may contain confidential or legally privileged information. If you are not the intended recipient you are hereby notified that any disclosure, copying, distribution or taking anyaction in reliance on the contents of this information is strictly prohibited and may be unlawful. If you have received this communication in error, please notify us immediately byresponding to this email and then delete it from your system. We are neither liable for the proper and complete transmission of the information contained in this communication nor forany delay in its receipt.









