

MSCI Emerging Markets Utilities Index (USD)

The MSCI Emerging Markets Utilities Index captures large and mid cap representation across 24 Emerging Markets (EM) countries*. All securities in the index are classified in the Utilities sector as per the Global Industry Classification Standard (GICS®).

CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (MAY 2007 – MAY 2022)



ANNUAL PERFORMANCE (%)

Year	MSCI Emerging Markets Utilities	MSCI Emerging Markets
2021	13.27	-2.22
2020	-4.80	18.69
2019	8.16	18.88
2018	-3.49	-14.24
2017	17.13	37.75
2016	3.87	11.60
2015	-20.48	-14.60
2014	2.81	-1.82
2013	-2.72	-2.27
2012	6.81	18.63
2011	-13.40	-18.17
2010	8.38	19.20
2009	56.73	79.02
2008	-41.71	-53.18

INDEX PERFORMANCE – GROSS RETURNS (%) (MAY 31, 2022)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 30, 1994	Div Yld (%)	P/E	P/E Fwd	P/BV
					3 Yr	5 Yr	10 Yr						
MSCI Emerging Markets Utilities	-0.96	1.92	5.91	-0.03	4.81	4.01	1.66	3.82	2.79	22.51	13.93	1.44	
MSCI Emerging Markets	0.47	-7.22	-19.56	-11.68	5.36	4.17	4.54	5.55	2.82	13.11	11.39	1.72	

FUNDAMENTALS (MAY 31, 2022)

INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2022)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Dec 30, 1994	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Emerging Markets Utilities	11.98	18.76	16.13	15.70	0.31	0.25	0.14	0.18	68.39	1997-06-30–2002-10-16
MSCI Emerging Markets	6.19	18.06	16.81	15.62	0.34	0.26	0.32	0.25	65.14	2007-10-29–2008-10-27

¹ Last 12 months

² Based on monthly gross returns data

³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

* EM countries include: Brazil, Chile, China, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Kuwait, Malaysia, Mexico, Peru, Philippines, Poland, Qatar, Saudi Arabia, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI Emerging Markets Utilities Index was launched on Sep 15, 1999. Data prior to the launch date is back-tested test (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance – whether actual or back-tested – is no indication or guarantee of future performance.

INDEX CHARACTERISTICS

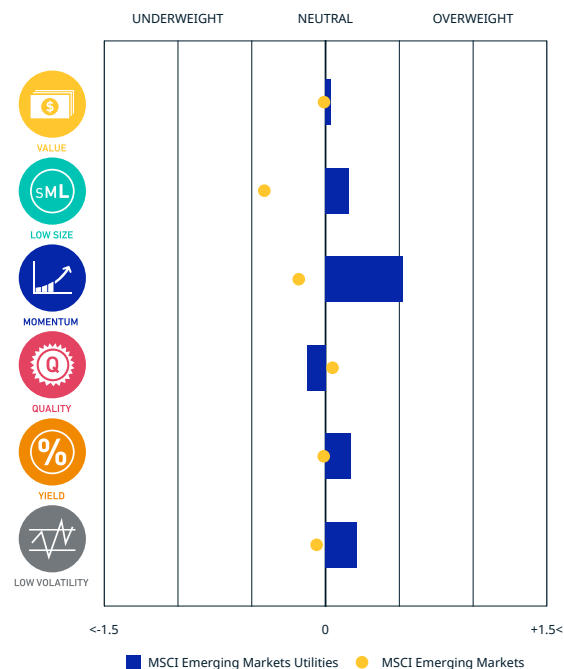
MSCI Emerging Markets Utilities	
Number of Constituents	58
Mkt Cap (USD Millions)	
Index	186,930.41
Largest	12,127.36
Smallest	205.56
Average	3,222.94
Median	2,539.59

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)
ENN ENERGY HOLDINGS	CN	12.13	6.49
NTPC	IN	9.74	5.21
ADANI GREEN ENERGY	IN	9.51	5.09
POWER GRID CORP OF INDIA	IN	9.42	5.04
ADANI TOTAL GAS	IN	8.49	4.54
CEZ CESKE ENER ZAVODY	CZ	7.84	4.19
ADANI TRANSMISSION	IN	7.28	3.89
CHINA LONGYUAN POWER H	CN	7.18	3.84
SAUDI ELECTRICITY CO	SA	5.39	2.89
EQUATORIAL ENERGIA ON	BR	5.10	2.73
Total		82.08	43.91

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



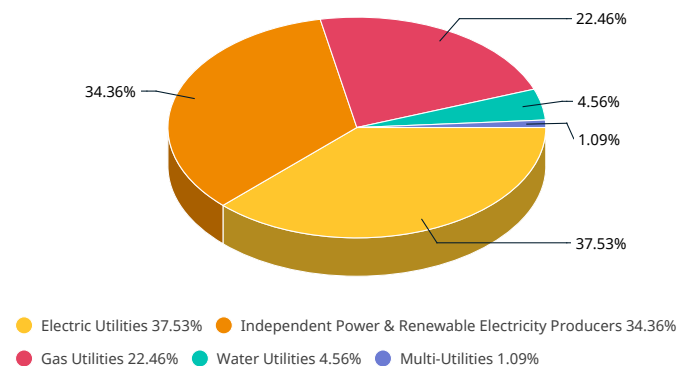
MSCI FaCS

- VALUE**
Relatively Inexpensive Stocks
- LOW SIZE**
Smaller Companies
- MOMENTUM**
Rising Stocks
- QUALITY**
Sound Balance Sheet Stocks
- YIELD**
Cash Flow Paid Out
- LOW VOLATILITY**
Lower Risk Stocks

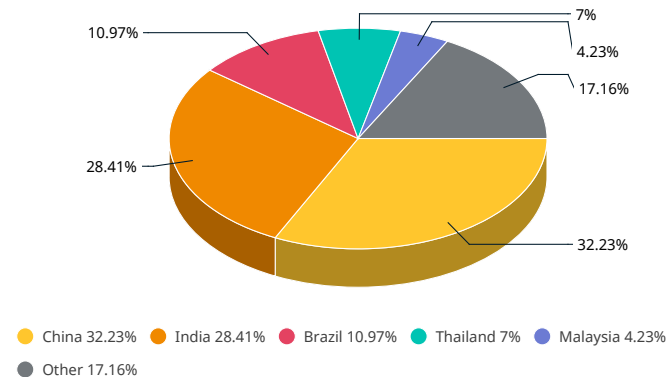
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

INDUSTRY WEIGHTS



COUNTRY WEIGHTS



INDEX FRAMEWORK

The index is based on the [MSCI Global Investable Market Indexes \(GIMI\) Methodology](#) – a comprehensive and consistent approach to index construction that allows for meaningful global views and cross regional comparisons across all market capitalization size, sector and style segments and combinations. This methodology aims to provide exhaustive coverage of the relevant investment opportunity set with a strong emphasis on index liquidity, investability and replicability. The index is reviewed quarterly—in February, May, August and November—with the objective of reflecting change in the underlying equity markets in a timely manner, while limiting undue index turnover. During the May and November semi-annual index reviews, the index is rebalanced and the large and mid capitalization cutoff points are recalculated.

This summary is provided for illustrative purposes only and does not include all material elements of the index or its methodology. For a complete description of the index methodology, please see [Index methodology - MSCI](#).

MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology [here](#))

MSCI FaCS is a standard method for evaluating and reporting the Factor characteristics of equity portfolios. MSCI FaCS consists of Factor Groups (e.g. Value, Size, Momentum, Quality, Yield, and Volatility) that have been extensively documented in academic literature and validated by MSCI Research as key drivers of risk and return in equity portfolios. These Factor Groups are constructed by aggregating 16 factors (e.g. Book-to-Price, Earnings/Dividend Yields, LT Reversal, Leverage, Earnings Variability/Quality, Beta) from the latest Barra global equity factor risk model, GEMLT, designed to make fund comparisons transparent and intuitive for use. The MSCI Factor Box, which is powered by MSCI FaCS, provides a visualization designed to easily compare absolute exposures of funds/indexes and their benchmarks along 6 Factor Groups that have historically demonstrated excess market returns over the long run.

ABOUT MSCI

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 45 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process. To learn more, please visit www.msci.com.

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