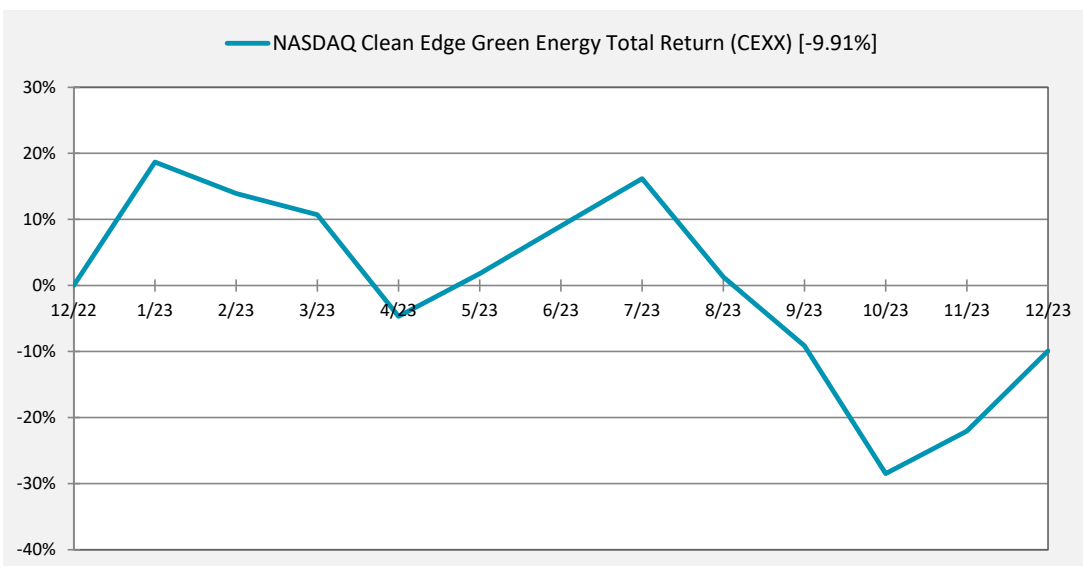


## NASDAQ Clean Edge Green Energy Total Return

The NASDAQ Clean Edge Green Energy Index is designed to track the performance of a set of clean energy companies.

More information about the Index can be found at <https://indexes.nasdaqomx.com/Index/Overview/CELS>

### 1-YEAR PERFORMANCE



### QUICK FACTS

**Securities:** 63  
**Currency:** USD  
**History:** 11/17/2006  
**YTD Return:** -9.91%

### INDEX TICKERS

**Price Return:** CELS  
**Total Return:** CEXX  
**Net Total Return:**

### TOP 10 COMPONENTS BY WEIGHT

TICKER	NAME	WEIGHT
RIVN	RIVIAN AUTO CL A CM	9.09%
ON	ON SEMICONDUCTOR	8.09%
FSLR	FIRST SOLAR INC.	7.51%
TSLA	TESLA INC.	7.15%
ALB	ALBEMARLE CP	6.91%
ENPH	ENPHASE ENERGY INC.	4.52%
OLED	UNIVERSAL DISPLAY	3.91%
LCID	LUCID GROUP CMN	3.45%
BEP	BROOKFIELD RENEWABLE	3.28%
AYI	ACUITY BRANDS INC.	2.74%

### INDUSTRY BREAKDOWN

INDUSTRY	WEIGHT	SECURITIES
Technology	21.28%	7
Telecommunications	0.00%	0
Health Care	0.00%	0
Financials	0.00%	0
Real Estate	1.33%	1
Consumer Discretionary	20.54%	7
Consumer Staples	0.00%	0
Industrials	8.53%	9
Basic Materials	11.64%	5
Energy	24.12%	24
Utilities	12.56%	10

All Information as of 12/29/2023.

## PERFORMANCE(TR Version)

### ANNUAL

1 Year	-9.91%
2 Year	-30.15%
3 Year	-2.64%
4 Year	184.83%
5 Year	42.67%
6 Year	-12.11%
7 Year	32.05%
8 Year	-2.65%
9 Year	-6.38%
10 Year	-3.13%

### CUMULATIVE

1 Year	-9.91%
2 Year	-37.07%
3 Year	-38.73%
4 Year	74.51%
5 Year	148.97%
6 Year	118.82%
7 Year	188.94%
8 Year	181.28%
9 Year	163.34%
10 Year	155.10%

### CUMULATIVE ANNUALIZED

1 Year	-9.91%
2 Year	-20.67%
3 Year	-15.07%
4 Year	14.94%
5 Year	20.01%
6 Year	13.94%
7 Year	16.37%
8 Year	13.80%
9 Year	11.36%
10 Year	9.82%

## ANNUALIZED VOLATILITY(TR Version)

### ANNUAL

1 Year	35.10%
2 Year	49.05%
3 Year	41.01%
4 Year	51.24%
5 Year	19.70%
6 Year	21.14%
7 Year	14.99%
8 Year	22.28%
9 Year	24.17%
10 Year	25.98%

### CUMULATIVE

1 Year	35.10%
2 Year	42.62%
3 Year	42.07%
4 Year	44.66%
5 Year	40.89%
6 Year	38.32%
7 Year	35.93%
8 Year	34.52%
9 Year	33.52%
10 Year	32.84%

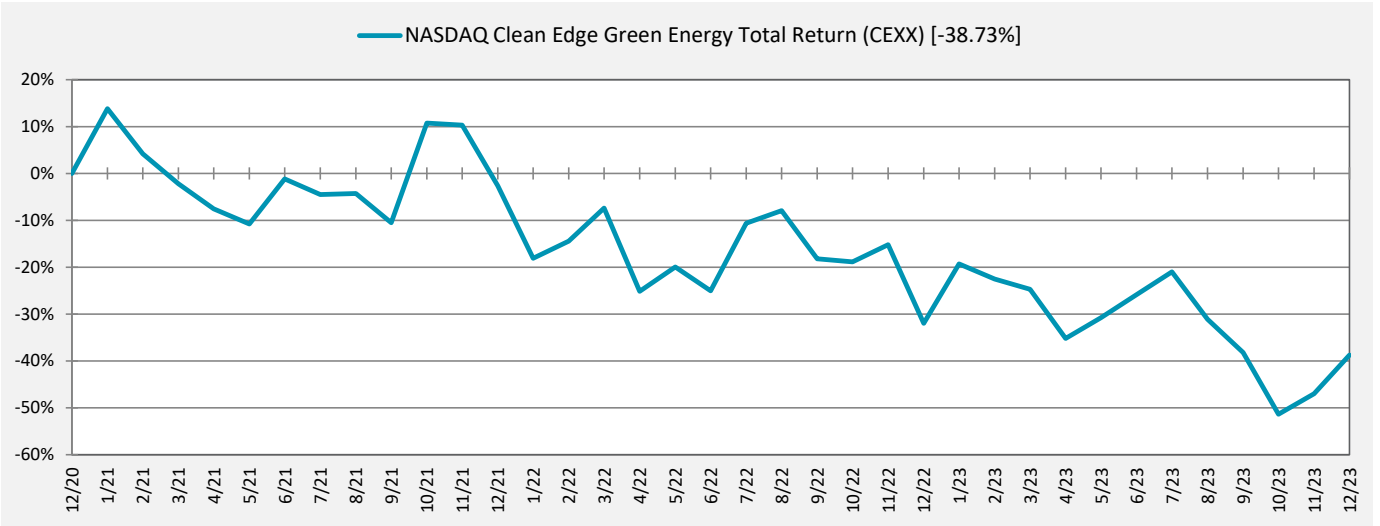
## PERFORMANCE(TR Version)

### CALENDER YEAR

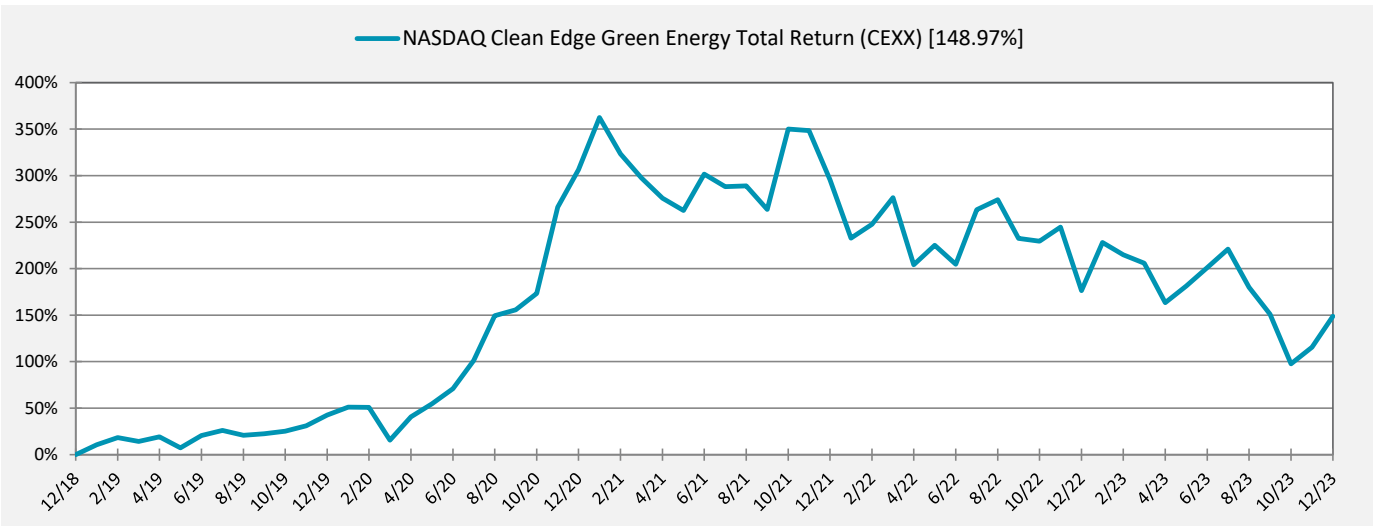
2023	-9.91%
2022	-30.15%
2021	-2.64%
2020	184.83%
2019	42.67%
2018	-12.11%
2017	32.05%
2016	-2.65%
2015	-6.38%
2014	-3.13%

All Information as of 12/29/2023.

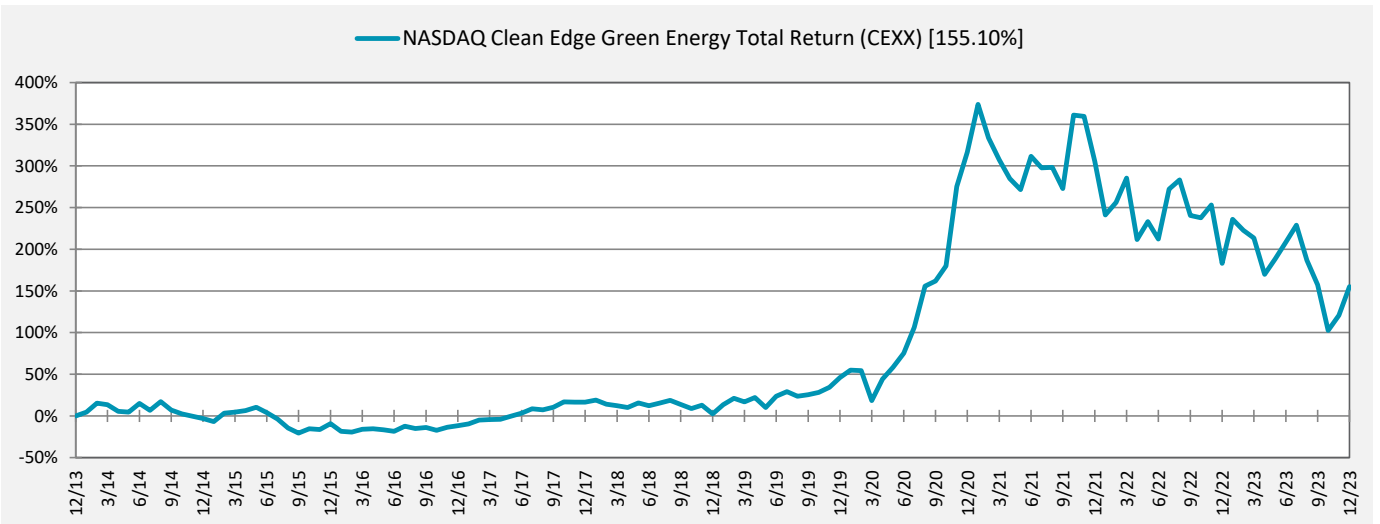
### 3-YEAR PERFORMANCE



### 5-YEAR PERFORMANCE



### 10-YEAR PERFORMANCE



All Information as of 12/29/2023.

## MONTHLY PERFORMANCE(TR Version)

Dec 2023	15.59%	Aug 2020	24.01%	Apr 2017	0.48%
Nov 2023	8.97%	Jul 2020	17.71%	Mar 2017	0.49%
Oct 2023	-21.30%	Jun 2020	10.53%	Feb 2017	5.21%
Sep 2023	-10.30%	May 2020	9.86%	Jan 2017	2.47%
Aug 2023	-12.80%	Apr 2020	21.80%	Dec 2016	1.99%
Jul 2023	6.57%	Mar 2020	-23.33%	Nov 2016	4.58%
Jun 2023	7.10%	Feb 2020	-0.26%	Oct 2016	-3.90%
May 2023	6.78%	Jan 2020	5.92%	Sep 2016	1.51%
Apr 2023	-13.90%	Dec 2019	8.91%	Aug 2016	-3.37%
Mar 2023	-2.82%	Nov 2019	4.60%	Jul 2016	7.61%
Feb 2023	-4.02%	Oct 2019	2.37%	Jun 2016	-2.08%
Jan 2023	18.69%	Sep 2019	1.31%	May 2016	-1.50%
Dec 2022	-19.80%	Aug 2019	-4.17%	Apr 2016	0.76%
Nov 2022	4.54%	Jul 2019	4.56%	Mar 2016	4.23%
Oct 2022	-0.84%	Jun 2019	12.29%	Feb 2016	-1.29%
Sep 2022	-11.15%	May 2019	-10.03%	Jan 2016	-10.03%
Aug 2022	2.98%	Apr 2019	4.55%	Dec 2015	8.31%
Jul 2022	19.23%	Mar 2019	-3.61%	Nov 2015	-0.99%
Jun 2022	-6.29%	Feb 2019	6.95%	Oct 2015	6.47%
May 2022	6.91%	Jan 2019	10.68%	Sep 2015	-7.22%
Apr 2022	-19.17%	Dec 2018	-9.13%	Aug 2015	-11.02%
Mar 2022	8.20%	Nov 2018	3.67%	Jul 2015	-7.47%
Feb 2022	4.46%	Oct 2018	-4.38%	Jun 2015	-5.76%
Jan 2022	-15.85%	Sep 2018	-4.08%	May 2015	3.74%
Dec 2021	-11.76%	Aug 2018	2.82%	Apr 2015	1.84%
Nov 2021	-0.37%	Jul 2018	2.65%	Mar 2015	1.03%
Oct 2021	23.71%	Jun 2018	-2.94%	Feb 2015	10.86%
Sep 2021	-6.46%	May 2018	5.13%	Jan 2015	-3.74%
Aug 2021	0.19%	Apr 2018	-1.87%	Dec 2014	-2.78%
Jul 2021	-3.39%	Mar 2018	-1.57%	Nov 2014	-2.81%
Jun 2021	10.79%	Feb 2018	-4.29%	Oct 2014	-4.16%
May 2021	-3.47%	Jan 2018	2.17%	Sep 2014	-8.79%
Apr 2021	-5.47%	Dec 2017	-0.09%	Aug 2014	9.93%
Mar 2021	-6.13%	Nov 2017	-0.17%	Jul 2014	-7.26%
Feb 2021	-8.47%	Oct 2017	6.01%	Jun 2014	10.14%
Jan 2021	13.81%	Sep 2017	2.59%	May 2014	-1.09%
Dec 2020	11.00%	Aug 2017	-0.90%	Apr 2014	-6.96%
Nov 2020	33.93%	Jul 2017	4.95%	Mar 2014	-1.57%
Oct 2020	6.92%	Jun 2017	3.54%	Feb 2014	10.25%
Sep 2020	2.47%	May 2017	3.85%	Jan 2014	4.58%

All Information as of 12/29/2023.

## QUARTERLY PERFORMANCE(TR Version)

Q4 2023	-0.86%
Q3 2023	-16.63%
Q2 2023	-1.54%
Q1 2023	10.71%
Q4 2022	-16.87%
Q3 2022	9.10%
Q2 2022	-19.02%
Q1 2022	-4.89%
Q4 2021	8.77%
Q3 2021	-9.46%
Q2 2021	1.09%
Q1 2021	-2.21%
Q4 2020	58.95%
Q3 2020	49.59%
Q2 2020	47.90%
Q1 2020	-19.00%
Q4 2019	16.61%
Q3 2019	1.52%
Q2 2019	5.62%
Q1 2019	14.10%
Q4 2018	-9.92%
Q3 2018	1.24%
Q2 2018	0.13%
Q1 2018	-3.76%
Q4 2017	5.74%
Q3 2017	6.69%
Q2 2017	8.05%
Q1 2017	8.33%
Q4 2016	2.51%
Q3 2016	5.55%
Q2 2016	-2.81%
Q1 2016	-7.43%
Q4 2015	14.19%
Q3 2015	-23.62%
Q2 2015	-0.43%
Q1 2015	7.81%
Q4 2014	-9.45%
Q3 2014	-7.01%
Q2 2014	1.36%
Q1 2014	13.49%

All Information as of 12/29/2023.

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Sources: Nasdaq Global Indexes Research. Bloomberg. FactSet.

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