

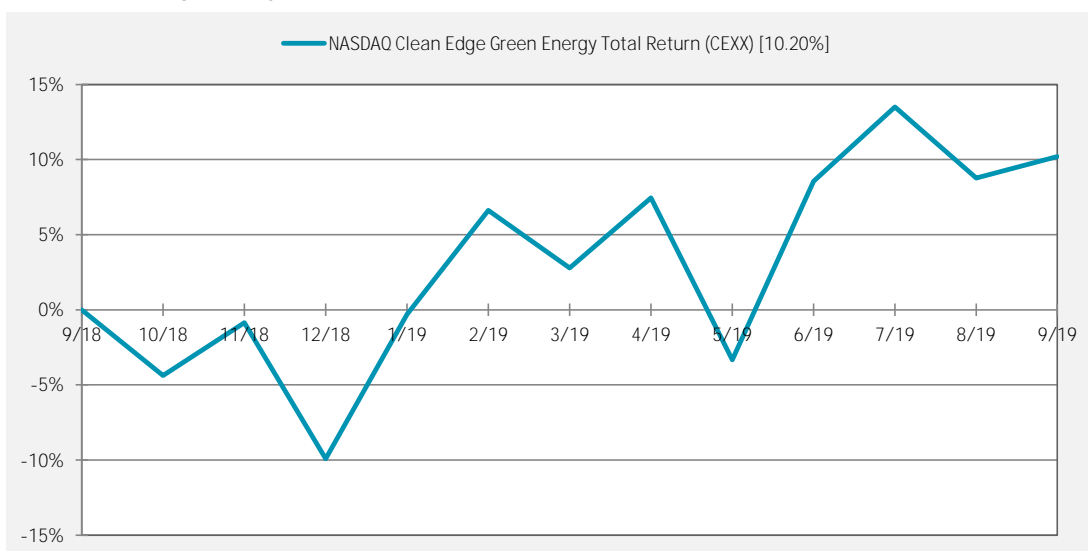


NASDAQ Clean Edge Green Energy Total Return

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: 42
 Currency: USD
 History: 11/17/2006
 YTD Return: 22.34%

INDEX TICKERS

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

TOP 10 SECURITIES BY WEIGHT

TICKER	SECURITY	WEIGHT
TSLA	TESLA; INC.	8.44%
OLED	UNIVERSAL DISPLAY	6.46%
ON	ON SEMICONDUCTOR	6.44%
BEP	BROOKFIELD RENEWABLE	5.94%
HXL	HEXCEL CP DELAWARE	5.71%
CREE	CREE; INC.	4.51%
ALB	ALBEMARLE CP	4.45%
AYI	ACUITY BRANDS; INC.	4.25%
LFUS	LITTELFUSE; INC.	3.77%
FSLR	FIRST SOLAR; INC.	3.69%

INDUSTRY BREAKDOWN

INDUSTRY	WEIGHT	SECURITIES
Oil & Gas	15.47%	12
Basic Materials	5.70%	3
Industrials	29.41%	10
Consumer Goods	9.43%	2
Health Care	0.00%	0
Consumer Services	0.00%	0
Telecommunications	0.00%	0
Utilities	13.54%	7
Financials	2.81%	2
Technology	15.14%	4

PERFORMANCE(TR Version)

ANNUAL

1 Year	10.20%
2 Year	3.16%
3 Year	28.01%
4 Year	8.44%
5 Year	-25.75%
6 Year	17.93%
7 Year	82.96%
8 Year	-10.47%
9 Year	-34.06%
10 Year	-0.02%

CUMULATIVE

1 Year	10.20%
2 Year	13.69%
3 Year	45.54%
4 Year	57.83%
5 Year	17.18%
6 Year	38.19%
7 Year	152.84%
8 Year	126.36%
9 Year	49.25%
10 Year	49.22%

ANNUALIZED

1 Year	10.20%
2 Year	6.63%
3 Year	13.32%
4 Year	12.08%
5 Year	3.22%
6 Year	5.54%
7 Year	14.17%
8 Year	10.75%
9 Year	4.55%
10 Year	4.08%

ANNUALIZED VOLATILITY(TR Version)

ANNUAL

1 Year	23.28%
2 Year	17.29%
3 Year	15.31%
4 Year	24.49%
5 Year	25.33%
6 Year	24.51%
7 Year	24.20%
8 Year	33.49%
9 Year	31.73%
10 Year	31.79%

CUMULATIVE

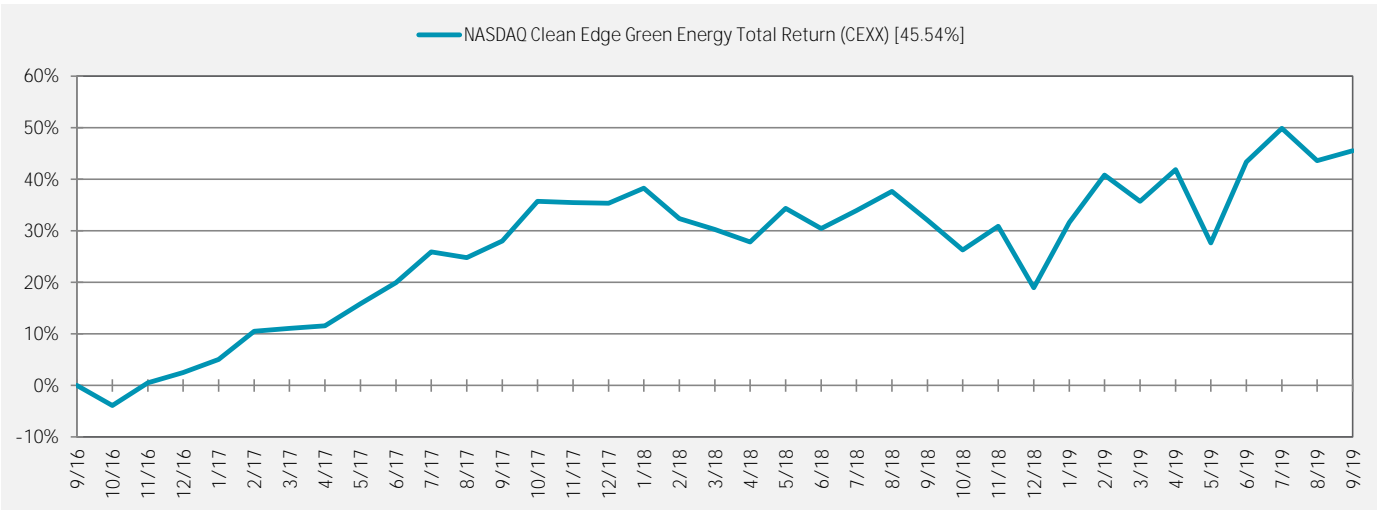
1 Year	23.28%
2 Year	20.49%
3 Year	18.92%
4 Year	20.47%
5 Year	21.55%
6 Year	22.05%
7 Year	22.38%
8 Year	24.05%
9 Year	24.96%
10 Year	25.72%

PERFORMANCE(TR Version)

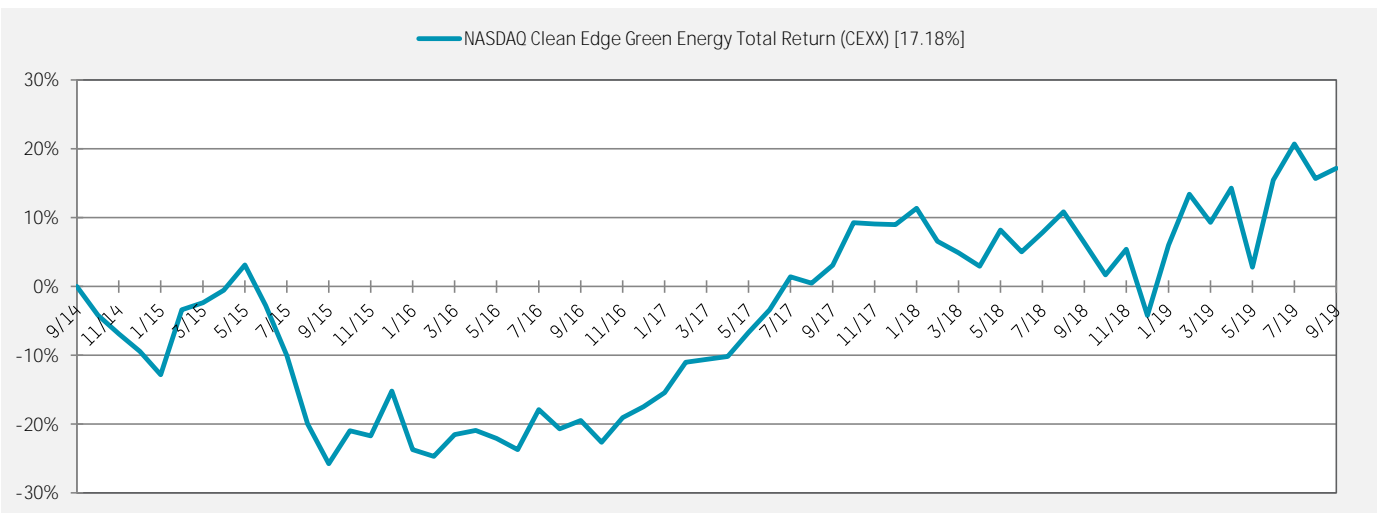
CALENDER YEAR

2019	22.34%
2018	-12.11%
2017	32.05%
2016	-2.65%
2015	-6.38%
2014	-3.13%
2013	89.34%
2012	-1.32%
2011	-40.81%
2010	2.71%

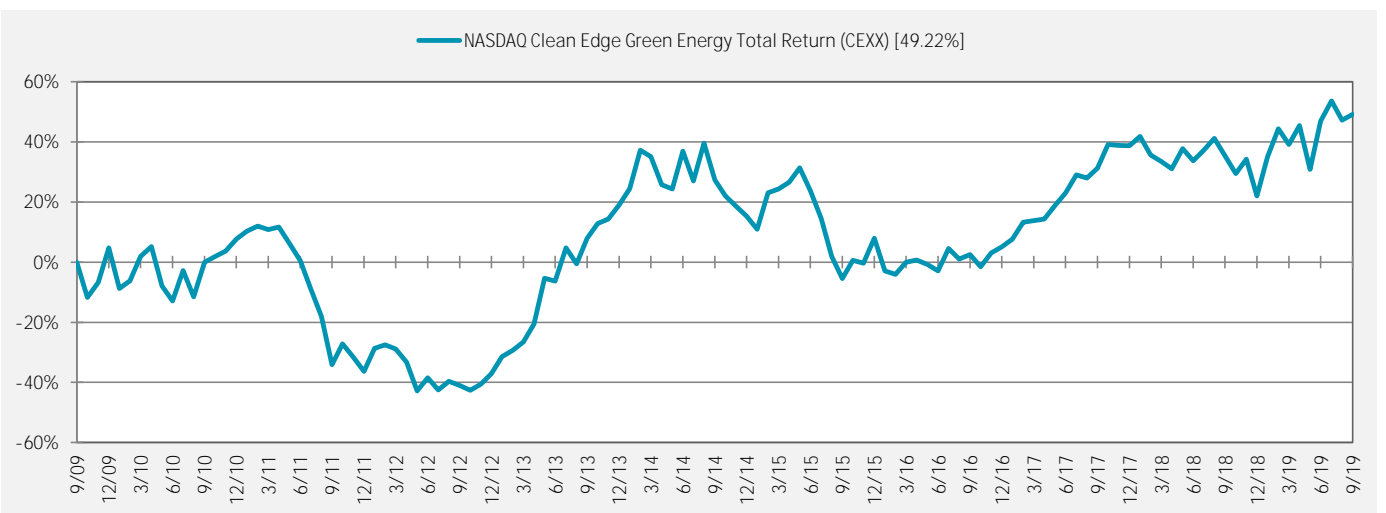
3-YEAR PERFORMANCE



5-YEAR PERFORMANCE



10-YEAR PERFORMANCE



MONTHLY PERFORMANCE (TR Version)

Sep 2019	1.31%
Aug 2019	-4.17%
Jul 2019	4.56%
Jun 2019	12.29%
May 2019	-10.03%
Apr 2019	4.55%
Mar 2019	-3.61%
Feb 2019	6.95%
Jan 2019	10.68%
Dec 2018	-9.13%
Nov 2018	3.67%
Oct 2018	-4.38%
Sep 2018	-4.07%
Aug 2018	2.82%
Jul 2018	2.66%
Jun 2018	-2.94%
May 2018	5.13%
Apr 2018	-1.87%
Mar 2018	-1.57%
Feb 2018	-4.29%
Jan 2018	2.17%
Dec 2017	-0.09%
Nov 2017	-0.17%
Oct 2017	6.01%
Sep 2017	2.59%
Aug 2017	-0.90%
Jul 2017	4.95%
Jun 2017	3.55%
May 2017	3.85%
Apr 2017	0.48%
Mar 2017	0.49%
Feb 2017	5.21%
Jan 2017	2.47%
Dec 2016	1.99%
Nov 2016	4.59%
Oct 2016	-3.90%
Sep 2016	1.51%
Aug 2016	-3.37%
Jul 2016	7.61%
Jun 2016	-2.08%

May 2016	-1.50%
Apr 2016	0.76%
Mar 2016	4.23%
Feb 2016	-1.29%
Jan 2016	-10.03%
Dec 2015	8.31%
Nov 2015	-0.99%
Oct 2015	6.48%
Sep 2015	-7.23%
Aug 2015	-11.02%
Jul 2015	-7.47%
Jun 2015	-5.76%
May 2015	3.74%
Apr 2015	1.84%
Mar 2015	1.03%
Feb 2015	10.86%
Jan 2015	-3.74%
Dec 2014	-2.78%
Nov 2014	-2.81%
Oct 2014	-4.16%
Sep 2014	-8.79%
Aug 2014	9.93%
Jul 2014	-7.26%
Jun 2014	10.14%
May 2014	-1.09%
Apr 2014	-6.96%
Mar 2014	-1.57%
Feb 2014	10.25%
Jan 2014	4.59%
Dec 2013	4.11%
Nov 2013	1.29%
Oct 2013	4.55%
Sep 2013	8.56%
Aug 2013	-5.10%
Jul 2013	11.81%
Jun 2013	-0.92%
May 2013	19.06%
Apr 2013	8.12%
Mar 2013	4.03%
Feb 2013	3.06%

Jan 2013	9.04%
Dec 2012	5.93%
Nov 2012	3.40%
Oct 2012	-2.73%
Sep 2012	-2.19%
Aug 2012	4.87%
Jul 2012	-6.50%
Jun 2012	7.71%
May 2012	-14.42%
Apr 2012	-6.12%
Mar 2012	-1.87%
Feb 2012	1.66%
Jan 2012	11.88%
Dec 2011	-6.74%
Nov 2011	-6.24%
Oct 2011	10.53%
Sep 2011	-19.61%
Aug 2011	-9.93%
Jul 2011	-9.47%
Jun 2011	-5.41%
May 2011	-4.78%
Apr 2011	0.70%
Mar 2011	-0.99%
Feb 2011	1.48%
Jan 2011	2.51%
Dec 2010	3.82%
Nov 2010	1.78%
Oct 2010	1.89%
Sep 2010	13.00%
Aug 2010	-8.98%
Jul 2010	11.62%
Jun 2010	-5.45%
May 2010	-12.44%
Apr 2010	3.21%
Mar 2010	8.63%
Feb 2010	2.88%
Jan 2010	-12.98%
Dec 2009	12.33%
Nov 2009	5.66%
Oct 2009	-11.69%

QUARTERLY PERFORMANCE(TR Version)

Q3 2019	1.52%
Q2 2019	5.62%
Q1 2019	14.10%
Q4 2018	-9.92%
Q3 2018	1.25%
Q2 2018	0.13%
Q1 2018	-3.76%
Q4 2017	5.73%
Q3 2017	6.69%
Q2 2017	8.05%
Q1 2017	8.34%
Q4 2016	2.50%
Q3 2016	5.56%
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%
Q4 2013	10.25%
Q3 2013	15.19%
Q2 2013	27.54%
Q1 2013	16.90%
Q4 2012	6.53%
Q3 2012	-4.10%
Q2 2012	-13.46%
Q1 2012	11.61%
Q4 2011	-3.35%
Q3 2011	-34.45%
Q2 2011	-9.30%
Q1 2011	3.00%
Q4 2010	7.67%
Q3 2010	14.80%
Q2 2010	-14.55%
Q1 2010	-2.75%
Q4 2009	4.81%

All Information as of 09/30/2019.

Sources: Nasdaq Global Indexes Research. Bloomberg. FactSet.

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