

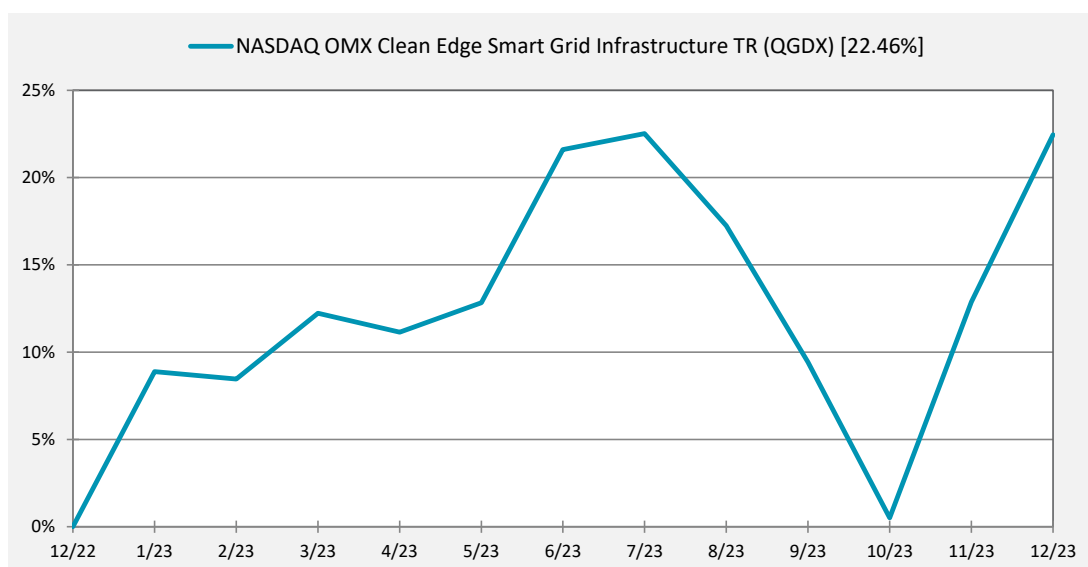
## NASDAQ OMX Clean Edge Smart Grid Infrastructure TR

The NASDAQ OMX Clean Edge Smart Grid Infrastructure Index is designed to act as a transparent and liquid benchmark for the smart grid and electric infrastructure sector. The Index includes companies that are primarily engaged and involved in electric grid; electric meters, devices, and networks; energy storage and management; and enabling software used by the smart grid and electric infrastructure sector.

The Index began on September 22, 2009 at a base value of 250.00.

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

### 1-YEAR PERFORMANCE



### QUICK FACTS

**Securities:** 101  
**Currency:** USD  
**History:** 09/22/2009  
**YTD Return:** 22.46%

### INDEX TICKERS

**Price Return:** QGRD  
**Total Return:** QGDY  
**Net Total Return:**

### TOP 10 COMPONENTS BY WEIGHT

TICKER	NAME	WEIGHT
ABBN	ABB Rg	8.20%
SU	Schneider EI	8.06%
ETN	EATON CP PLC	7.81%
NG.	Natl Grid Rg	7.66%
JCI	JOHNSON CONTROLS INT	7.17%
PWR	QUANTA SERVICES INC	4.23%
APTIV	APTIV PLC	4.00%
6400	Samsung SDI Rg	3.59%
ENPH	ENPHASE ENERGY INC.	3.31%
HUBB	HUBBELL INCORPORATED	3.16%

### INDUSTRY BREAKDOWN

INDUSTRY	WEIGHT	SECURITIES
Technology	10.69%	16
Telecommunications	1.56%	2
Health Care	0.00%	0
Financials	0.00%	0
Real Estate	0.00%	0
Consumer Discretionary	6.41%	6
Consumer Staples	0.00%	0
Industrials	56.56%	47
Basic Materials	0.02%	1
Energy	4.83%	6
Utilities	19.93%	23

All Information as of 12/29/2023.

PERFORMANCE(TR Version)

ANNUAL

1 Year	22.46%
2 Year	-13.34%
3 Year	29.34%
4 Year	49.84%
5 Year	43.90%
6 Year	-21.94%
7 Year	28.83%
8 Year	25.30%
9 Year	-6.16%
10 Year	0.32%

CUMULATIVE

1 Year	22.46%
2 Year	6.13%
3 Year	37.26%
4 Year	105.67%
5 Year	195.97%
6 Year	131.03%
7 Year	197.63%
8 Year	272.95%
9 Year	249.96%
10 Year	251.07%

CUMULATIVE ANNUALIZED

1 Year	22.46%
2 Year	3.02%
3 Year	11.14%
4 Year	19.76%
5 Year	24.24%
6 Year	14.98%
7 Year	16.86%
8 Year	17.88%
9 Year	14.93%
10 Year	13.38%

ANNUALIZED VOLATILITY(TR Version)

ANNUAL

1 Year	15.92%
2 Year	24.83%
3 Year	16.20%
4 Year	37.34%
5 Year	15.47%
6 Year	16.10%
7 Year	10.64%
8 Year	16.91%
9 Year	14.56%
10 Year	13.65%

CUMULATIVE

1 Year	15.92%
2 Year	20.86%
3 Year	19.43%
4 Year	25.15%
5 Year	23.53%
6 Year	22.49%
7 Year	21.21%
8 Year	20.72%
9 Year	20.13%
10 Year	19.59%

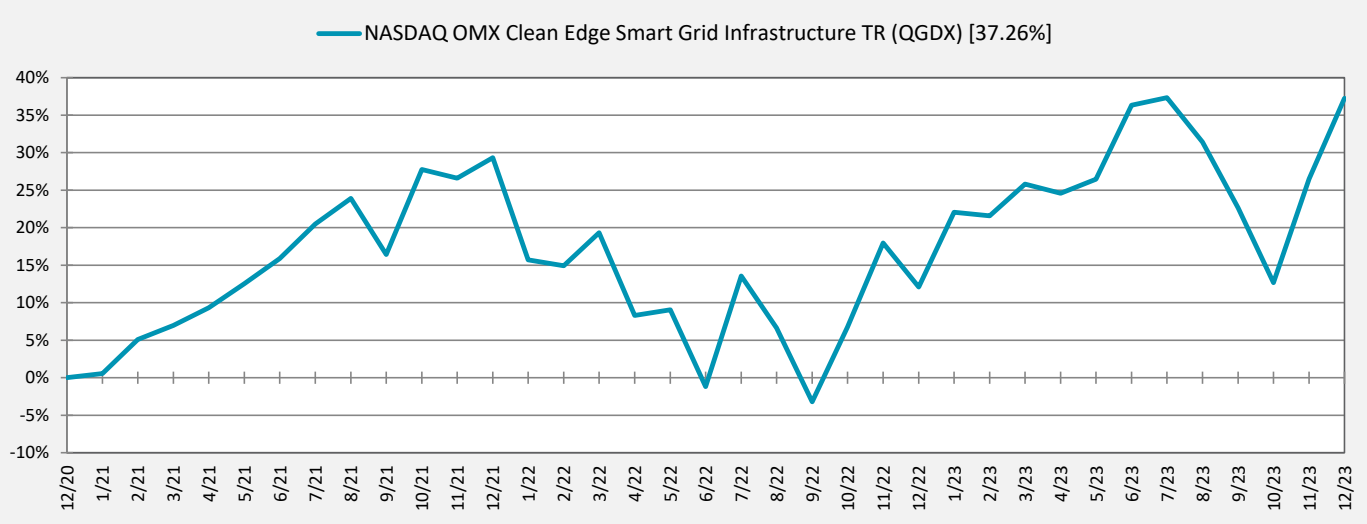
PERFORMANCE(TR Version)

CALENDER YEAR

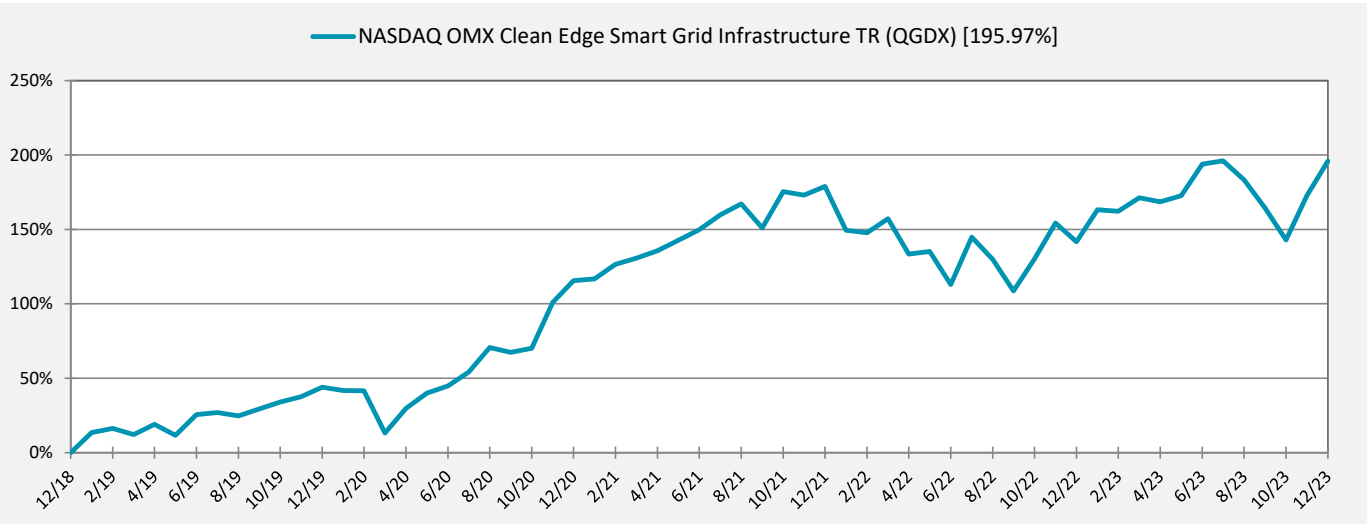
2023	22.46%
2022	-13.34%
2021	29.34%
2020	49.84%
2019	43.90%
2018	-21.94%
2017	28.83%
2016	25.30%
2015	-6.16%
2014	0.32%

All Information as of 12/29/2023.

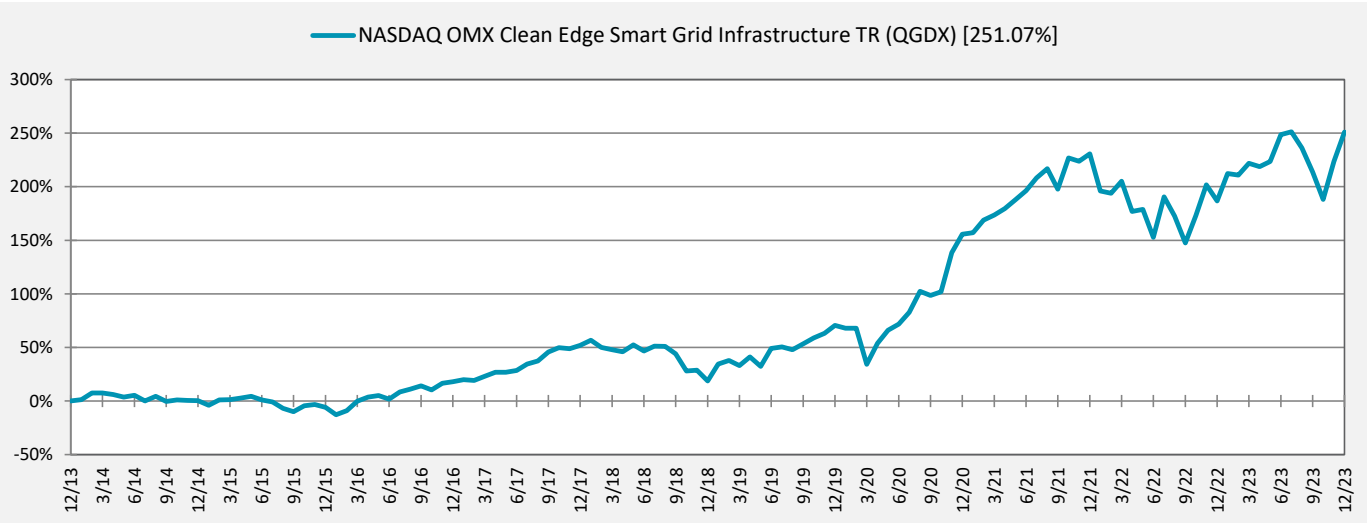
3-YEAR PERFORMANCE



5-YEAR PERFORMANCE



10-YEAR PERFORMANCE



All Information as of 12/29/2023.

MONTHLY PERFORMANCE(TR Version)

Dec 2023	8.50%
Nov 2023	12.29%
Oct 2023	-8.14%
Sep 2023	-6.67%
Aug 2023	-4.30%
Jul 2023	0.75%
Jun 2023	7.78%
May 2023	1.52%
Apr 2023	-0.97%
Mar 2023	3.48%
Feb 2023	-0.40%
Jan 2023	8.89%
Dec 2022	-4.98%
Nov 2022	10.50%
Oct 2022	10.30%
Sep 2022	-9.21%
Aug 2022	-6.13%
Jul 2022	14.93%
Jun 2022	-9.37%
May 2022	0.69%
Apr 2022	-9.24%
Mar 2022	3.83%
Feb 2022	-0.68%
Jan 2022	-10.54%
Dec 2021	2.17%
Nov 2021	-0.91%
Oct 2021	9.74%
Sep 2021	-6.04%
Aug 2021	2.84%
Jul 2021	3.97%
Jun 2021	2.96%
May 2021	2.94%
Apr 2021	2.20%
Mar 2021	1.77%
Feb 2021	4.52%
Jan 2021	0.56%
Dec 2020	7.28%
Nov 2020	18.09%
Oct 2020	1.69%
Sep 2020	-1.95%

Aug 2020	10.73%
Jul 2020	6.42%
Jun 2020	3.48%
May 2020	7.88%
Apr 2020	14.61%
Mar 2020	-20.07%
Feb 2020	-0.02%
Jan 2020	-1.55%
Dec 2019	4.58%
Nov 2019	2.73%
Oct 2019	3.51%
Sep 2019	3.79%
Aug 2019	-1.75%
Jul 2019	1.00%
Jun 2019	12.56%
May 2019	-6.23%
Apr 2019	6.10%
Mar 2019	-3.49%
Feb 2019	2.48%
Jan 2019	13.45%
Dec 2018	-7.91%
Nov 2018	0.57%
Oct 2018	-11.17%
Sep 2018	-4.54%
Aug 2018	-0.15%
Jul 2018	3.05%
Jun 2018	-3.62%
May 2018	4.41%
Apr 2018	-1.43%
Mar 2018	-1.40%
Feb 2018	-4.20%
Jan 2018	3.10%
Dec 2017	2.08%
Nov 2017	-0.69%
Oct 2017	2.87%
Sep 2017	6.06%
Aug 2017	2.07%
Jul 2017	4.70%
Jun 2017	1.40%
May 2017	0.02%

Apr 2017	2.99%
Mar 2017	3.32%
Feb 2017	-0.66%
Jan 2017	1.66%
Dec 2016	1.26%
Nov 2016	5.57%
Oct 2016	-3.35%
Sep 2016	2.82%
Aug 2016	2.41%
Jul 2016	6.44%
Jun 2016	-3.14%
May 2016	1.44%
Apr 2016	3.77%
Mar 2016	9.92%
Feb 2016	4.21%
Jan 2016	-7.34%
Dec 2015	-2.59%
Nov 2015	1.21%
Oct 2015	6.01%
Sep 2015	-3.33%
Aug 2015	-6.08%
Jul 2015	-1.90%
Jun 2015	-3.20%
May 2015	1.74%
Apr 2015	1.28%
Mar 2015	0.25%
Feb 2015	5.18%
Jan 2015	-4.17%
Dec 2014	-0.29%
Nov 2014	-0.37%
Oct 2014	1.44%
Sep 2014	-4.57%
Aug 2014	4.27%
Jul 2014	-4.93%
Jun 2014	1.56%
May 2014	-2.29%
Apr 2014	-1.43%
Mar 2014	0.06%
Feb 2014	6.25%
Jan 2014	1.20%

All Information as of 12/29/2023.

**QUARTERLY PERFORMANCE(TR Version)**

Q4 2023	11.91%
Q3 2023	-10.02%
Q2 2023	8.36%
Q1 2023	12.23%
Q4 2022	15.81%
Q3 2022	-2.05%
Q2 2022	-17.18%
Q1 2022	-7.75%
Q4 2021	11.10%
Q3 2021	0.47%
Q2 2021	8.32%
Q1 2021	6.97%
Q4 2020	28.83%
Q3 2020	15.54%
Q2 2020	27.94%
Q1 2020	-21.32%
Q4 2019	11.21%
Q3 2019	2.99%
Q2 2019	11.98%
Q1 2019	12.20%
Q4 2018	-17.72%
Q3 2018	-1.78%
Q2 2018	-0.81%
Q1 2018	-2.62%
Q4 2017	4.29%
Q3 2017	13.34%
Q2 2017	4.46%
Q1 2017	4.34%
Q4 2016	3.32%
Q3 2016	12.07%
Q2 2016	1.96%
Q1 2016	6.14%
Q4 2015	4.51%
Q3 2015	-10.93%
Q2 2015	-0.25%
Q1 2015	1.06%
Q4 2014	0.76%
Q3 2014	-5.40%
Q2 2014	-2.18%
Q1 2014	7.59%

All Information as of 12/29/2023.

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Sources: Nasdaq Global Indexes Research. Bloomberg. FactSet.

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