

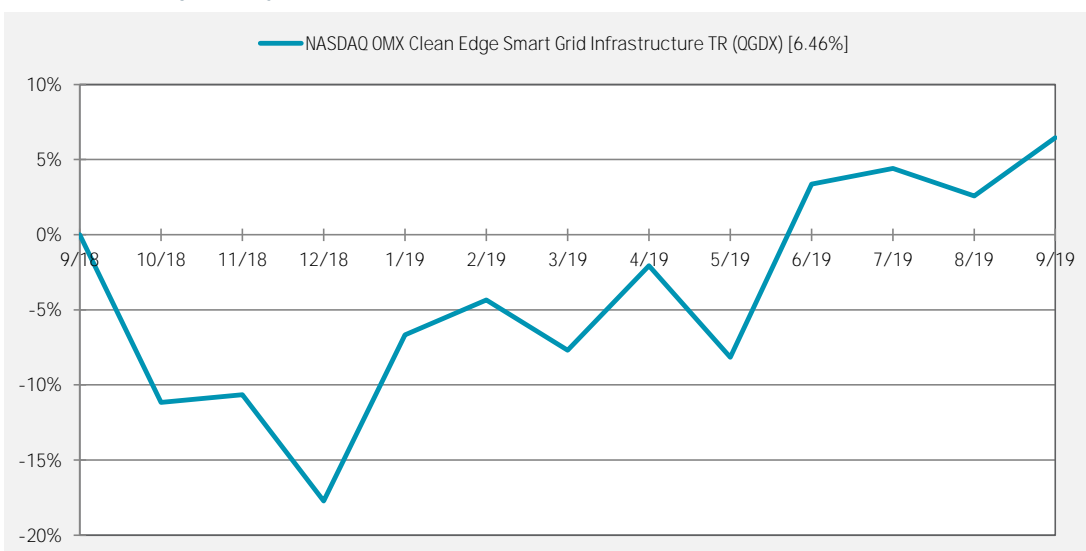
NASDAQ OMX Clean Edge Smart Grid Infrastructure TR

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: 56
 Currency: USD
 History: 09/22/2009
 YTD Return: 29.40%

INDEX TICKERS

Price Return: QGRD
 Total Return: QGDIX
 Net Total Return:

TOP 10 SECURITIES BY WEIGHT

TICKER	SECURITY	WEIGHT
APTIV	APTIV PLC	8.13%
SU	SCHNEIDER EL	8.10%
TRN	TERNA N	7.91%
REE	RED ELECTRICA BR	7.87%
PRY	PRYSMIAN N	7.58%
PWR	QUANTA SERVICES INC	4.31%
LAND	LANDISGYR GR RG	4.23%
NVT	NVENT ELEC PLC	4.21%
ITRI	ITRON INC	4.12%
AEIS	ADVANCED ENERGY	4.10%

INDUSTRY BREAKDOWN

INDUSTRY	WEIGHT	SECURITIES
Oil & Gas	8.40%	5
Basic Materials	0.00%	0
Industrials	47.57%	29
Consumer Goods	12.72%	5
Health Care	0.00%	0
Consumer Services	0.00%	0
Telecommunications	0.00%	0
Utilities	18.28%	6
Financials	0.00%	0
Technology	13.02%	11

PERFORMANCE(TR Version)

ANNUAL

1 Year	6.46%
2 Year	-1.06%
3 Year	27.64%
4 Year	26.75%
5 Year	-9.53%
6 Year	7.02%
7 Year	19.59%
8 Year	21.13%
9 Year	-18.51%
10 Year	2.84%

CUMULATIVE

1 Year	6.46%
2 Year	5.33%
3 Year	34.45%
4 Year	70.41%
5 Year	54.17%
6 Year	64.99%
7 Year	97.31%
8 Year	139.00%
9 Year	94.77%
10 Year	100.30%

ANNUALIZED

1 Year	6.46%
2 Year	2.63%
3 Year	10.37%
4 Year	14.26%
5 Year	9.04%
6 Year	8.70%
7 Year	10.20%
8 Year	11.51%
9 Year	7.69%
10 Year	7.19%

ANNUALIZED VOLATILITY(TR Version)

ANNUAL

1 Year	17.81%
2 Year	12.84%
3 Year	11.05%
4 Year	17.50%
5 Year	14.96%
6 Year	13.05%
7 Year	15.38%
8 Year	24.87%
9 Year	24.80%
10 Year	23.48%

CUMULATIVE

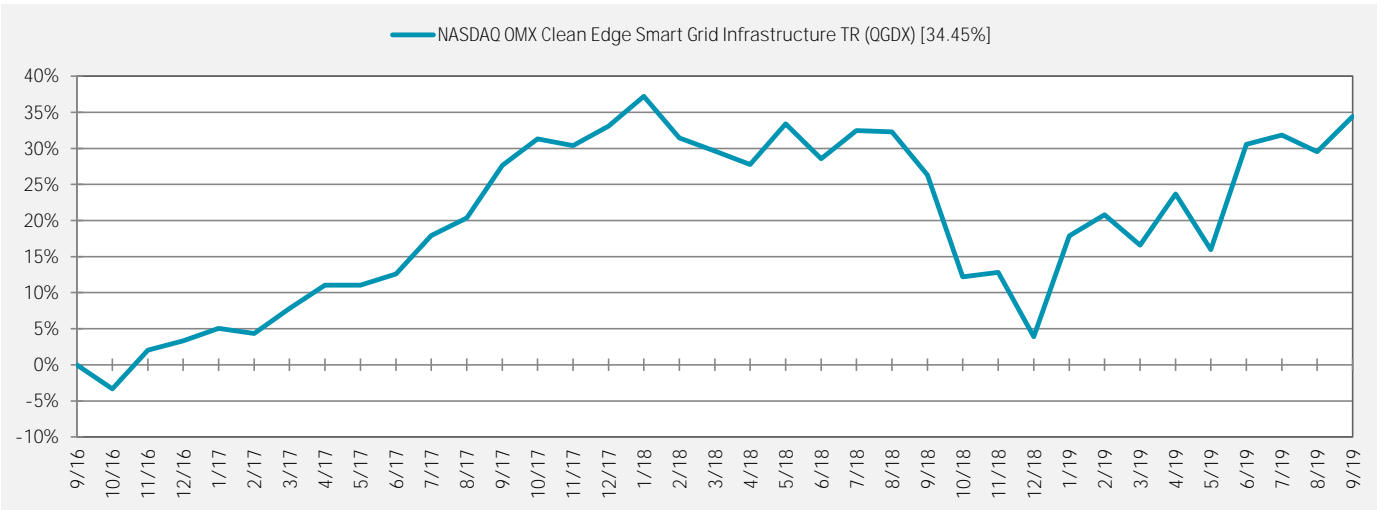
1 Year	17.81%
2 Year	15.53%
3 Year	14.20%
4 Year	15.10%
5 Year	15.08%
6 Year	14.76%
7 Year	14.84%
8 Year	16.40%
9 Year	17.50%
10 Year	18.17%

PERFORMANCE(TR Version)

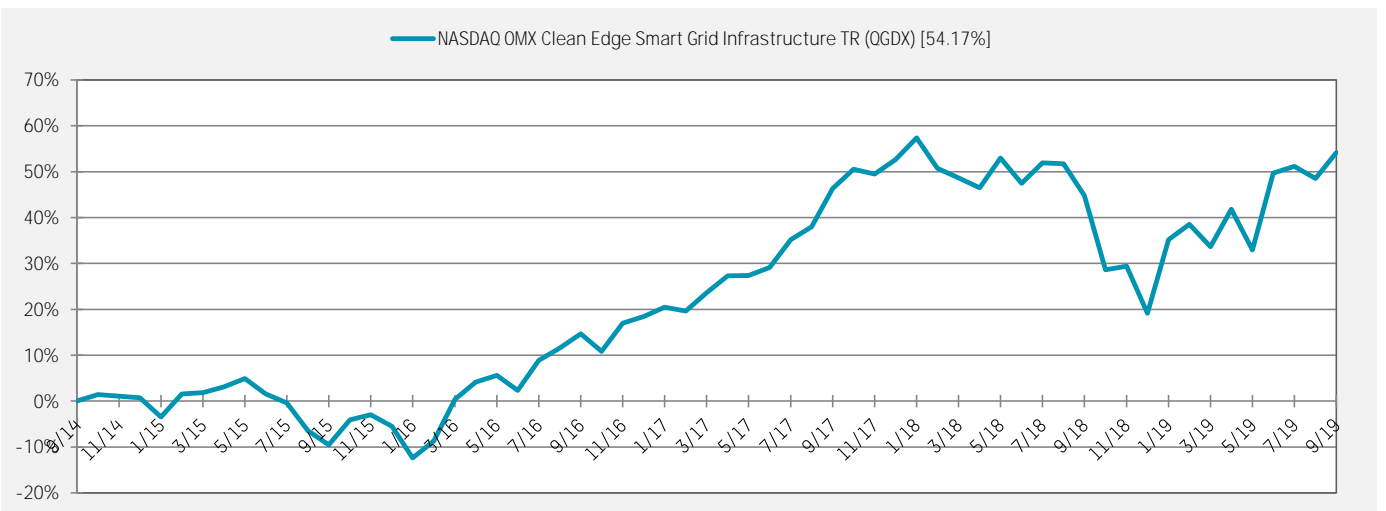
CALENDER YEAR

2019	29.40%
2018	-21.94%
2017	28.83%
2016	25.30%
2015	-6.16%
2014	0.32%
2013	26.15%
2012	20.21%
2011	-20.29%
2010	0.71%

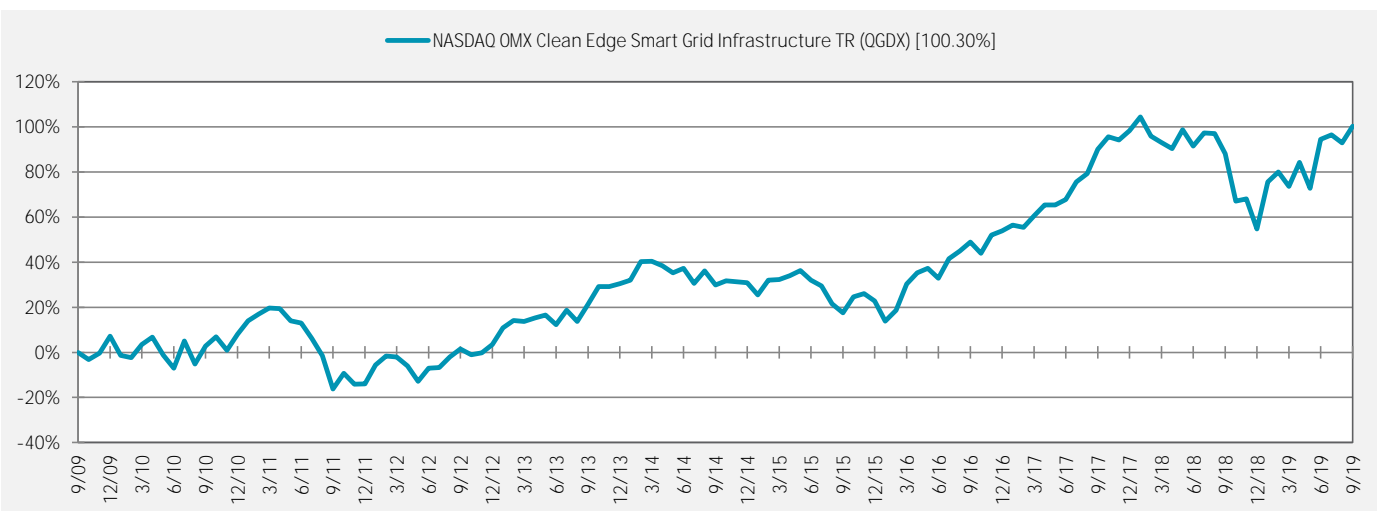
3-YEAR PERFORMANCE



5-YEAR PERFORMANCE



10-YEAR PERFORMANCE



MONTHLY PERFORMANCE(TR Version)

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	3.04%
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	3.33%
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	4.20%
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	-4.16%
Dec 2014	-0.30%
Nov 2014	-0.37%
Oct 2014	1.44%
Sep 2014	-4.58%
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%
Dec 2013	1.01%
Nov 2013	0.01%
Oct 2013	6.41%
Sep 2013	6.82%
Aug 2013	-4.22%
Jul 2013	5.64%
Jun 2013	-3.59%
May 2013	1.07%
Apr 2013	1.39%
Mar 2013	-0.44%
Feb 2013	2.94%

Jan 2013	7.23%
Dec 2012	3.69%
Nov 2012	0.84%
Oct 2012	-2.55%
Sep 2012	3.64%
Aug 2012	5.00%
Jul 2012	0.37%
Jun 2012	6.66%
May 2012	-7.21%
Apr 2012	-4.05%
Mar 2012	-0.55%
Feb 2012	4.20%
Jan 2012	9.75%
Dec 2011	0.25%
Nov 2011	-5.32%
Oct 2011	8.18%
Sep 2011	-14.94%
Aug 2011	-7.20%
Jul 2011	-6.05%
Jun 2011	-0.80%
May 2011	-4.58%
Apr 2011	-0.22%
Mar 2011	2.30%
Feb 2011	2.58%
Jan 2011	5.61%
Dec 2010	6.91%
Nov 2010	-5.48%
Oct 2010	3.89%
Sep 2010	8.39%
Aug 2010	-9.67%
Jul 2010	12.96%
Jun 2010	-5.86%
May 2010	-7.47%
Apr 2010	3.19%
Mar 2010	6.00%
Feb 2010	-1.05%
Jan 2010	-7.99%
Dec 2009	7.57%
Nov 2009	2.88%
Oct 2009	-3.13%

QUARTERLY PERFORMANCE(TR Version)

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%
Q4 2013	7.49%
Q3 2013	8.09%
Q2 2013	-1.20%
Q1 2013	9.90%
Q4 2012	1.90%
Q3 2012	9.23%
Q2 2012	-5.05%
Q1 2012	13.73%
Q4 2011	2.69%
Q3 2011	-25.85%
Q2 2011	-5.56%
Q1 2011	10.84%
Q4 2010	4.99%
Q3 2010	10.60%
Q2 2010	-10.11%
Q1 2010	-3.50%
Q4 2009	7.21%

All Information as of 09/30/2019.

Sources: Nasdaq Global Indexes Research. Bloomberg. FactSet.

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