| Voya Infrastructure, | Industrials | & | Materials | Fund |
|----------------------|-------------|---|-----------|------|
| Form N-Q | | | | |
| January 22, 2016 | | | | |

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SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number: 811-22144

Voya Infrastructure, Industrials and Materials Fund

(Exact name of registrant as specified in charter)

7337 East Doubletree Ranch Rd., Suite 100, Scottsdale, AZ 85258

(Address of principal executive offices) (Zip code)

Huey P. Falgout, Jr., 7337 East Doubletree Ranch Road, Suite 100, Scottsdale, AZ 85258

(Name and address of agent for service)

Registrant's telephone number, including area code: 1-800-992-0180

Date of fiscal year end: February 28

Date of reporting period: November 30, 2015

| Itam 1 | 1 Schodul | le of Investment | te |
|--------|-----------|------------------|-----|
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The schedules of investments as of the close of the reporting period are set forth below for:

Voya Infrastructure, Industrials and Materials Fund

The schedules are not audited.

Voya Infrastructure, Industrials and Materials Fund PORTFOLIO OF INVESTMENTS as of November 30, 2015 (Unaudited)

| Shares | | Value | Percentage of Net Assets |
|--------------------|--|------------------------|--------------------------|
| COMMON S | STOCK: 97.2% | | |
| | Australia: 1.6% | | |
| 362,121 | BHP Billiton Ltd. | \$4,815,158 | 1.6 |
| 131,093 @ | Brazil: 1.4% Embraer SA ADR | 4,101,900 | 1.4 |
| | China: 3.3% | | |
| 95,600 @ | China Mobile Ltd. ADR | 5,494,132 | 1.8 |
| 3,278,000 | China Railway Construction Corp. Ltd. | 4,344,058 | 1.5 |
| .,, | | 9,838,190 | 3.3 |
| 40.224 | France: 6.1% | | 1.6 |
| 40,224 | Air Liquide SA Alstom SA | 4,904,319 | 1.6 1.4 |
| 134,446 237,808 | Orange SA | 4,175,790 4,105,660 | 1.4 |
| 262,895 | Suez Environnement S.A. | 4,980,407 | 1.7 |
| 202,075 | Such Environmental S.71. | 18,166,176 | 6.1 |
| | | ,, | |
| | Germany: 4.4% | | |
| 59,585 | BASF SE | 4,917,865 | 1.7 |
| 78,747 | Siemens AG | 8,180,177 | 2.7 |
| | | 13,098,042 | 4.4 |
| | India: 2.3% | | |
| 139,123 | Larsen & Toubro Ltd. | 2,873,760 | 1.0 |
| 1,959,337 | Power Grid Corp. of India Ltd. | 4,002,256 | 1.3 |
| 1,505,007 | Tomer crite corp. or main zon. | 6,876,016 | 2.3 |
| | | , , | |
| | Indonesia: 0.8% | | |
| 2,164,100 | United Tractors Tbk PT | 2,543,094 | 0.8 |
| | Torrell 1 407 | | |
| 1,985,576 | Israel: 1.4% Bezeq Israeli Telecommunication Corp., Ltd. | 4,268,733 | 1.4 |
| 1,965,570 | Bezeq Israeli Telecommunication Corp., Etc. | 4,200,733 | 1.4 |
| | Italy: 1.9% | | |
| 1,276,360 | Enel S.p.A. | 5,621,719 | 1.9 |
| | | | |
| | Japan: 9.8% | | |
| 828,000 | Hitachi Ltd. | 4,885,365 | 1.6 |

| Komatsu Ltd. Mitsubishi Corp. Shin-Etsu Chemical Co., Ltd. Sumco Corp. | | 4,432,351 4,659,053 3,011,283 4,434,451 3,049,786 29,295,865 | 1.5 1.6 1.0 1.5 1.0 9.8 |
|--|--|---|---|
| Netherlands: 4.9% Airbus Group SE Koninklijke DSM NV Koninklijke Philips NV | | 5,506,363 4,266,793 5,018,197 14,791,353 | 1.8 1.4 1.7 4.9 |
| South Africa: 0.9% Vodacom Group Pty Ltd. | Value | 2,818,208 Percentage of Net | 0.9 |
| | | 7133013 | |
| South Korea: 1.2% SK Telecom Co., Ltd. | \$3,604,354 | 1.2 | |
| Spain: 1.4% Gas Natural SDG S.A. | 4,070,631 | 1.4 | |
| Sweden: 2.6% SKF AB - B Shares Volvo AB - B Shares | 3,532,694 4,197,375 7,730,069 | 1.2 1.4 2.6 | |
| Switzerland: 1.4% Wolseley PLC | 4,292,931 | 1.4 | |
| United Kingdom: 1.1% CNH Industrial NV | 3,184,223 | 1.1 | |
| United States: 50.7% Acuity Brands, Inc. Albemarle Corp. American Electric Power Co., Inc. AT&T, Inc. Boeing Co. Deere & Co. Dow Chemical Co. DTE Energy Co. General Dynamics Corp. General Electric Co. Halliburton Co. Honeywell International, Inc. | 4,142,449 3,738,488 4,638,076 3,694,542 4,870,102 3,567,044 7,124,764 3,600,881 7,391,836 14,245,093 4,730,793 7,394,171 | 1.4 1.3 1.6 1.2 1.6 1.2 2.4 1.2 2.5 4.8 1.6 2.5 | |
| | Shin-Etsu Chemical Co., Ltd. Sumco Corp. Netherlands: 4.9% Airbus Group SE Koninklijke DSM NV Koninklijke Philips NV South Africa: 0.9% Vodacom Group Pty Ltd. N STOCK: (continued) South Korea: 1.2% SK Telecom Co., Ltd. Spain: 1.4% Gas Natural SDG S.A. Sweden: 2.6% SKF AB - B Shares Volvo AB - B Shares Volvo AB - B Shares Switzerland: 1.4% Wolseley PLC United Kingdom: 1.1% CNH Industrial NV United States: 50.7% Acuity Brands, Inc. Albemarle Corp. American Electric Power Co., Inc. AT&T, Inc. Boeing Co. Deere & Co. Dow Chemical Co. DTE Energy Co. General Dynamics Corp. General Electric Co. Halliburton Co. | Shin-Etsu Chemical Co., Ltd. Sumco Corp. Netherlands: 4.9% Airbus Group SE Koninklijke DSM NV Koninklijke Philips NV South Africa: 0.9% Vodacom Group Pty Ltd. Value N STOCK: (continued) South Korea: 1.2% SK Telecom Co., Ltd. Spain: 1.4% Gas Natural SDG S.A. Sweden: 2.6% SKF AB - B Shares Volvo AB - B Shares 3,532,694 Volvo AB - B Shares 4,197,375 7,730,069 Switzerland: 1.4% Wolseley PLC United Kingdom: 1.1% CNH Industrial NV 3,184,223 United States: 50.7% Acuity Brands, Inc. Albemarle Corp. American Electric Power Co., Inc. AT&T, Inc. Boeing Co. Deere & Co. Deere & Co. Dow Chemical Co. Deere & Co. Dow Chemical Co. Deere & Co. General Dynamics Corp. General Electric Co. Halliburton Co. Honeywell International, Inc. Value Value Value Value Value Value Value 4,070,631 4,070,631 4,073,378 4,197,375 7,730,069 At 1,142,449 A,184,223 | Shin-Etsu Chemical Co., Ltd. Sumco Corp. Shin-Etsu Chemical Co., Ltd. Sumco Corp. Netherlands: 4.9% Airbus Group SE Koninklijke DSM NV Koninklijke Philips NV South Africa: 0.9% Vodacom Group Pty Ltd. South Africa: 0.9% Vodacom Group Pty Ltd. South Korea: 1.2% SK Telecom Co., Ltd. Spain: 1.4% Gas Natural SDG S.A. Sweden: 2.6% SKF AB - B Shares Volvo AB - B Shares Volvo AB - B Shares Value United Kingdom: 1.1% CNH Industrial NV United States: 50.7% Acuity Brands, Inc. Albemarle Corp. American Electric Power Co., Inc. AT&T, Inc. Boeing Co. American Electric Power Co., Inc. AT&T, Inc. Boeing Co. Coeneral Dynamics Corp. General Electric Co. Honeywell International, Inc. Value 4,434,451 3,049,786 29,295,865 S,506,363 Koninklijke DSM NV 4,266,793 5,506,363 4,266,793 5,501,81,97 14,791,353 At 2,818,208 Percentage of Net Assets N STOCK: (continued) South Korea: 1.2% Safety Alexander Safety |

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| 30,100 | Kansas City Southern | 2,736,692 | 0.9 |
|---------|---------------------------------|-----------|-----|
| 53,800 | Lincoln Electric Holdings, Inc. | 3,037,010 | 1.0 |
| 34,091 | Lockheed Martin Corp. | 7,471,384 | 2.5 |
| 69,597 | Mosaic Co. | 2,202,049 | 0.7 |
| 498,520 | Mueller Water Products, Inc. | 4,646,206 | 1.6 |
| 66,900 | Old Dominion Freight Line | 4,262,199 | 1.4 |
| 66,987 | PG&E Corp. | 3,532,225 | 1.2 |
| 44,000 | Packaging Corp. of America | 2,991,560 | 1.0 |
| 169,400 | Patterson-UTI Energy, Inc. | 2,747,668 | 0.9 |
| 43,568 | Pinnacle West Capital Corp. | 2,760,468 | 0.9 |
| 82,491 | PPL Corp. | 2,807,994 | 0.9 |
| 31,503 | Roper Technologies, Inc. | 6,095,515 | 2.0 |
| 43,305 | Sempra Energy | 4,297,155 | 1.4 |
| 102,342 | Steel Dynamics, Inc. | 1,779,727 | 0.6 |
| 65,600 | TE Connectivity Ltd. | 4,401,104 | 1.5 |
| 129,100 | Textron, Inc. | 5,508,697 | 1.8 |
| 19,566 | TransDigm Group, Inc. | 4,590,771 | 1.5 |
| 77,800 | Union Pacific Corp. | 6,531,310 | 2.2 |
| 45,476 | Valero Energy Corp. | 3,267,905 | 1.1 |

Voya Infrastructure, Industrials and Materials Fund PORTFOLIO OF INVESTMENTS as of November 30, 2015 (Unaudited) (Continued)

| Shares | | Value | Percentage of Net Assets |
|-----------|---------------------------------------|---------------|--------------------------------|
| COMMO | N STOCK: (continued) | | |
| | United States: (continued) | | |
| 47,270 | Vulcan Materials Co. | \$4,853,211 | 1.6 |
| | | 151,583,562 | 50.7 |
| | Total Common Stock | | |
| | (Cost \$267,523,486) | 290,700,224 | 97.2 |
| PREFERE | RED STOCK: 0.4% | | |
| 11121211 | Brazil: 0.4% | | |
| 751,578 | Cia Energetica de Minas Gerais | 1,282,092 | 0.4 |
| | Total Preferred Stock | | |
| | (Cost \$4,300,896) | 1,282,092 | 0.4 |
| | Total Long-Term Investments | | |
| | (Cost \$271,824,382) | 291,982,316 | 97.6 |
| SHORT-T | ERM INVESTMENTS: 2.5% | | |
| | Mutual Funds: 2.5% | | |
| 7,415,000 | | † | |
| , | (Cost \$7,415,000) | 7,415,000 | 2.5 |
| | Total Short-Term Investments | | |
| | (Cost \$7,415,000) | 7,415,000 | 2.5 |
| | Total Investments in Securities | | 100 1 |
| | (Cost \$279,239,382) | \$299,397,316 | 100.1 |
| | Liabilities in Excess of Other Assets | (164,386) | (0.1) |
| | Net Assets | \$299,232,930 | 100.0 |

ADR American Depositary Receipt

^{††} Rate shown is the 7-day yield as of November 30, 2015.

[@] Non-income producing security.

Cost for federal income tax purposes is \$279,923,815.

Net unrealized appreciation consists of:

Gross Unrealized Appreciation \$43,928,603 Gross Unrealized Depreciation (24,455,102)

Net Unrealized Appreciation \$19,473,501

| Industry Diversification | Percentage of Net Assets | | |
|---------------------------------|--------------------------|--------|--------|
| Industrials | 12.3 | % | |
| Materials | 12.1 | | |
| Aerospace & Defense | 10.8 | | |
| Machinery | 8.3 | | |
| Industrial Conglomerates | 7.5 | | |
| Utilities | 7.4 | | |
| Telecommunications | 6.7 | | |
| Electrical Equipment | 4.8 | | |
| Road & Rail | 4.5 | | |
| Electric | 2.5 | | |
| Construction & Engineering | 2.5 | | |
| Electric Utilities | 2.3 | | |
| Multi-Utilities | 1.7 | % | |
| Building Materials | | | 1.6 |
| Oil & Gas Equipment & Serv | vices | | 1.6 |
| Chemicals | | | 1.5 |
| Electronic Equipment, Instru | ments & Comp | onents | 1.5 |
| Trading Companies & Distri | butors | | 1.4 |
| Telecommunication Services | | | 1.2 |
| Oil & Gas Refining & Market | eting | | 1.1 |
| Semiconductors | | | 1.0 |
| Paper Packaging | | | 1.0 |
| Oil & Gas Drilling | | | 0.9 |
| Fertilizers & Agricultural Ch | emicals | | 0.7 |
| Paper Products | | | 0.7 |
| Short-Term Investments | | | 2.5 |
| Liabilities in Excess of Other | Assets | | (0.1) |
| Net Assets | | | 100.0% |

Voya Infrastructure, Industrials and Materials Fund PORTFOLIO OF INVESTMENTS as of November 30, 2015 (Unaudited) (Continued)

Fair Value Measurements

The following is a summary of the fair valuations according to the inputs used as of November 30, 2015 in valuing the assets and liabilities:

| | Quoted Prices in Active Markets for Identical Investments (Level 1) | Significant Other Observable Inputs# (Level 2) | Signif Unobs Inputs (Level | ervable | Fair Value at November 30, 2015 |
|----------------------------------|---|--|-------------------------------------|---------|--|
| Asset Table | | | | | |
| Investments, at fair value | | | | | |
| Common Stock | | | | | |
| Australia | \$ - | \$4,815,158 | \$ | _ | \$4,815,158 |
| Brazil | 4,101,900 | _ | | _ | 4,101,900 |
| China | 5,494,132 | 4,344,058 | | _ | 9,838,190 |
| France | _ | 18,166,176 | | _ | 18,166,176 |
| Germany | _ | 13,098,042 | | _ | 13,098,042 |
| India | _ | 6,876,016 | | _ | 6,876,016 |
| Indonesia | _ | 2,543,094 | | _ | 2,543,094 |
| Israel | _ | 4,268,733 | | _ | 4,268,733 |
| Italy | _ | 5,621,719 | | _ | 5,621,719 |
| Japan | _ | 29,295,865 | | _ | 29,295,865 |
| Netherlands | _ | 14,791,353 | | _ | 14,791,353 |
| South Africa | _ | 2,818,208 | | _ | 2,818,208 |
| South Korea | _ | 3,604,354 | | _ | 3,604,354 |
| Spain | _ | 4,070,631 | | _ | 4,070,631 |
| Sweden | _ | 7,730,069 | | _ | 7,730,069 |
| Switzerland | _ | 4,292,931 | | _ | 4,292,931 |
| United Kingdom | _ | 3,184,223 | | _ | 3,184,223 |
| United States | 151,583,562 | _ | | _ | 151,583,562 |
| Total Common Stock | 161,179,594 | 129,520,630 | | _ | 290,700,224 |
| Preferred Stock | 1,282,092 | _ | | _ | 1,282,092 |
| Short-Term Investments | 7,415,000 | _ | | _ | 7,415,000 |
| Total Investments, at fair value | \$ 169,876,686 | \$129,520,630 | \$ | _ | \$299,397,316 |
| Liabilities Table | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | , | | , , , |
| Other Financial Instruments+ | | | | | |
| Written Options | \$ - | \$(854,777) | \$ | _ | \$(854,777) |
| Total Liabilities | \$ - | \$(854,777) | | _ | \$(854,777) |

Other Financial Instruments are derivatives not reflected in the portfolio of investments and may include open forward foreign currency contracts, futures, centrally cleared swaps, OTC swaps and written options. Forward foreign currency contracts, futures and centrally cleared swaps are valued at the unrealized gain (loss) on the instrument. OTC swaps and written options are valued at the fair value of the instrument. The earlier close of the foreign markets gives rise to the possibility that significant events, including broad market moves, may have occurred in the interim and may materially affect the value of those securities. To account for this, #the Fund may frequently value many of its foreign equity securities using fair value prices based on third party vendor modeling tools to the extent available. Accordingly, a portion of the Fund's investments are categorized as Level 2 investments.

At November 30, 2015, the following over-the-counter written options were outstanding for Voya Infrastructure, Industrials and Materials Fund:

| Number of Contracts Options of | Counterparty s on Indices | Description | Exercise Price | Expiration Date | Premiums Received | Fair Value |
|--------------------------------|---------------------------------|--|-------------------|--------------------|----------------------|--------------|
| 668,724 | Merrill Lynch | Call on Industrial Select Sector SPDR® Fund | 55.090 USD | 12/17/15 | \$607,870 | \$ (342,463) |
| 771,045 | JPMorgan Chase & Co. | Call on iShares MSCI EAFE ETF | 61.060 USD | 12/17/15 | 720,310 | (246,667) |
| 146,103 | JPMorgan Chase & Co. | Call on iShares MSCI Emerging Markets ETF | 34.770 USD | 12/17/15 | 114,808 | (51,249) |
| 325,378 | Merrill Lynch | Call on Materials Select Sector SPDR® Fund | 45.670 USD | 12/17/15 | 289,782 | (214,398) |
| | | Total Written OTC Options | | | \$1,732,770 | \$ (854,777) |

Voya Infrastructure, Industrials and Materials Fund as of November 30, 2015 (Unaudited) (Continued)

A summary of derivative instruments by primary risk exposure is outlined in the following tables.

The fair value of derivative instruments as of November 30, 2015 was as follows:

Instrument Type Fair Value

Derivatives not accounted for as hedging instruments

Liability Derivatives

Equity contracts Written options \$854,777 Total Liability Derivatives \$854,777

The following is a summary by counterparty of the fair value of OTC derivative instruments subject to Master Netting Agreements and collateral pledged (received), if any, at November 30, 2015:

| | JPMorgan Chase & Co. | Merrill Lynch | <u>Totals</u> |
|---|----------------------|---------------|---------------|
| Liabilities: | | | |
| Written options | \$ 297,916 | \$ 556,861 | \$854,777 |
| Total Liabilities | \$ 297,916 | \$ 556,861 | \$854,777 |
| Net OTC derivative instruments by counterparty, at fair value | \$ (297,916 |) \$ (556,861 |) (854,777) |
| Total collateral pledged by the Fund/(Received from counterparty) | \$ - | \$ - | \$- |
| Net Exposure ⁽¹⁾ | \$ (297,916 |) \$ (556,861 |) \$(854,777) |

Positive net exposure represents amounts due from each respective counterparty. Negative exposure represents amounts due from the Fund.

Item 2. Controls and Procedures.

Based on our evaluation conducted within 90 days of the filing date, hereof, the design and operation of the registrant's disclosure controls and procedures are effective to ensure that material information relating to the registrant is made known to the certifying officers by others within the appropriate entities, particularly during the period in which Forms N-Q are being prepared, and the registrant's disclosure controls and procedures allow timely preparation and review of the information for the registrant's Form N-Q and the officer certifications of such Form N-Q.

There were no significant changes in the registrant's internal controls over financial reporting that occurred during (b) the registrant's last fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3. Exhibits.

A separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2 under the Act (17 CFR 270.30a-2) is attached hereto as EX-99.CERT.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant): Voya Infrastructure, Industrials and Materials Fund

By /s/ Shaun P. Mathews

Shaun P. Mathews

President and Chief Executive Officer

Date: January 22, 2016

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By /s/ Shaun P. Mathews Shaun P. Mathews President and Chief Executive Officer

Date: January 22, 2016

By /s/ Todd Modic Todd Modic Senior Vice President and Chief Financial Officer

Date: January 22, 2016