

Voya GLOBAL EQUITY DIVIDEND & PREMIUM OPPORTUNITY FUND  
Form N-Q  
July 27, 2016

UNITED STATES

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: 811-21553

Voya Global Equity Dividend and Premium Opportunity 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: May 31, 2016

Item 1. Schedule of Investments

The schedules of investments as of the close of the reporting period are set forth below for:

Voya Global Equity Dividend and Premium Opportunity Fund

The schedules are not audited.

Voya Global Equity Dividend and Premium Opportunity Fund

PORTFOLIO OF INVESTMENTS  
as of May 31, 2016 (Unaudited)

| Shares              |                                      | Value       | Percentage<br>of Net<br>Assets |
|---------------------|--------------------------------------|-------------|--------------------------------|
| COMMON STOCK: 95.6% |                                      |             |                                |
|                     | Belgium: 0.4%                        |             |                                |
| 70,800              | Ageas                                | \$2,860,136 | 0.4                            |
|                     | Canada: 3.7%                         |             |                                |
| 80,747              | Canadian Imperial Bank of Commerce   | 6,265,305   | 0.8                            |
| 595,421             | Cenovus Energy, Inc.                 | 8,976,607   | 1.2                            |
| 483,814             | Shaw Communications, Inc. - Class B  | 9,253,102   | 1.2                            |
| 91,781              | TransCanada Corp.                    | 3,803,240   | 0.5                            |
|                     |                                      | 28,298,254  | 3.7                            |
|                     | France: 10.2%                        |             |                                |
| 298,993             | BNP Paribas                          | 16,569,181  | 2.2                            |
| 163,294             | Casino Guichard Perrachon S.A.       | 9,716,705   | 1.3                            |
| 203,031             | Cie de Saint-Gobain                  | 9,071,326   | 1.2                            |
| 207,794             | Eutelsat Communications              | 4,145,060   | 0.5                            |
| 554,290             | Engie SA                             | 8,544,886   | 1.1                            |
| 112,197             | Sanofi                               | 9,221,682   | 1.2                            |
| 245,300             | Total S.A.                           | 11,896,835  | 1.5                            |
| 125,725             | Vinci S.A.                           | 9,468,332   | 1.2                            |
|                     |                                      | 78,634,007  | 10.2                           |
|                     | Germany: 1.7%                        |             |                                |
| 534,445             | @ Deutsche Bank AG                   | 9,554,989   | 1.3                            |
| 63,500              | @ Wincor Nixdorf AG                  | 3,392,046   | 0.4                            |
|                     |                                      | 12,947,035  | 1.7                            |
|                     | Italy: 3.7%                          |             |                                |
| 831,861             | Assicurazioni Generali S.p.A.        | 12,057,150  | 1.6                            |
| 532,987             | ENI S.p.A.                           | 8,128,539   | 1.0                            |
| 2,589,900           | UniCredit SpA                        | 8,296,541   | 1.1                            |
|                     |                                      | 28,482,230  | 3.7                            |
|                     | Japan: 8.5%                          |             |                                |
| 129,100             | Canon, Inc.                          | 3,726,468   | 0.5                            |
| 401,400             | Hitachi Chemical Co., Ltd.           | 7,453,233   | 1.0                            |
| 512,900             | Itochu Corp.                         | 6,388,392   | 0.8                            |
| 432,300             | Japan Post Bank Co. Ltd.             | 5,143,915   | 0.7                            |
| 2,633,000           | Mitsubishi UFJ Financial Group, Inc. | 13,008,395  | 1.7                            |
| 526,100             | Mitsui & Co., Ltd.                   | 6,301,860   | 0.8                            |

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|                           |                                                       |             |                                |  |
|---------------------------|-------------------------------------------------------|-------------|--------------------------------|--|
| 968,800                   | Nissan Motor Co., Ltd.                                | 9,730,330   | 1.3                            |  |
| 405,000                   | Sumitomo Mitsui Financial Group, Inc.                 | 13,085,321  | 1.7                            |  |
|                           |                                                       | 64,837,914  | 8.5                            |  |
|                           | Netherlands: 2.6%                                     |             |                                |  |
| 1,167,732                 | @ ArcelorMittal                                       | 5,723,336   | 0.7                            |  |
| 597,367                   | Royal Dutch Shell PLC                                 | 14,517,419  | 1.9                            |  |
|                           |                                                       | 20,240,755  | 2.6                            |  |
|                           | Singapore: 1.2%                                       |             |                                |  |
| 2,360,100                 | Singapore Telecommunications Ltd.                     | 6,637,127   | 0.8                            |  |
| Shares                    |                                                       | Value       | Percentage<br>of Net<br>Assets |  |
| COMMON STOCK: (continued) |                                                       |             |                                |  |
|                           | Singapore: (continued)                                |             |                                |  |
| 219,200                   | United Overseas Bank Ltd.                             | \$2,902,598 | 0.4                            |  |
|                           |                                                       | 9,539,725   | 1.2                            |  |
|                           | Spain: 1.1%                                           |             |                                |  |
| 821,443                   | @ Telefonica S.A.                                     | 8,580,138   | 1.1                            |  |
|                           | Sweden: 1.7%                                          |             |                                |  |
| 135,000                   | Electrolux AB                                         | 3,626,431   | 0.5                            |  |
| 828,301                   | Volvo AB - B Shares                                   | 9,225,394   | 1.2                            |  |
|                           |                                                       | 12,851,825  | 1.7                            |  |
|                           | Switzerland: 5.5%                                     |             |                                |  |
| 638,466                   | Credit Suisse Group AG                                | 8,791,365   | 1.1                            |  |
| 121,687                   | Novartis AG                                           | 9,670,768   | 1.3                            |  |
| 34,681                    | Roche Holding AG                                      | 9,109,175   | 1.2                            |  |
| 458,212                   | STMicroelectronics NV                                 | 2,754,574   | 0.4                            |  |
| 14,300                    | Syngenta AG                                           | 5,623,095   | 0.7                            |  |
| 24,811                    | Zurich Insurance Group AG                             | 6,004,806   | 0.8                            |  |
|                           |                                                       | 41,953,783  | 5.5                            |  |
|                           | Taiwan: 1.5%                                          |             |                                |  |
| 402,100                   | MediaTek, Inc.                                        | 2,709,749   | 0.4                            |  |
| 355,467                   | Taiwan Semiconductor Manufacturing Co., Ltd. - SP ADR | 8,787,144   | 1.1                            |  |
|                           |                                                       | 11,496,893  | 1.5                            |  |
|                           | United Kingdom: 10.4%                                 |             |                                |  |
| 3,552,213                 | Barclays PLC                                          | 9,348,591   | 1.2                            |  |
| 1,454,592                 | HSBC Holdings PLC                                     | 9,401,718   | 1.2                            |  |
| 150,613                   | Imperial Brands PLC                                   | 8,191,037   | 1.1                            |  |
| 1,500,837                 | J Sainsbury PLC                                       | 5,834,987   | 0.8                            |  |
| 1,822,100                 | Kingfisher PLC                                        | 9,671,616   | 1.3                            |  |
| 345,460                   | Rexam PLC                                             | 3,142,703   | 0.4                            |  |
| 302,323                   | Rio Tinto PLC                                         | 8,425,065   | 1.1                            |  |
| 987,600                   | RSA Insurance Group PLC                               | 6,991,281   | 0.9                            |  |
| 287,150                   | SSE PLC                                               | 6,363,419   | 0.8                            |  |

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|           |                                   |            |      |
|-----------|-----------------------------------|------------|------|
| 3,619,354 | Vodafone Group PLC                | 12,087,664 | 1.6  |
|           |                                   | 79,458,081 | 10.4 |
|           | United States: 43.4%              |            |      |
| 152,711   | AbbVie, Inc.                      | 9,610,103  | 1.3  |
| 90,900    | American Electric Power Co., Inc. | 5,883,957  | 0.8  |
| 61,206    | Amgen, Inc.                       | 9,667,488  | 1.3  |
| 131,551   | Apple, Inc.                       | 13,136,683 | 1.7  |
| 144,550   | Baxter International, Inc.        | 6,238,778  | 0.8  |
| 46,038    | Bristol-Myers Squibb Co.          | 3,300,924  | 0.4  |
| 85,680    | Caterpillar, Inc.                 | 6,212,657  | 0.8  |
| 189,479   | CenturyLink, Inc.                 | 5,138,670  | 0.7  |
| 95,066    | Chevron Corp.                     | 9,601,666  | 1.3  |
| 460,339   | Cisco Systems, Inc.               | 13,372,848 | 1.7  |
| 330,700   | Citigroup, Inc.                   | 15,400,699 | 2.0  |
| 198,600   | ConAgra Foods, Inc.               | 9,076,020  | 1.2  |
| 120,244   | Eli Lilly & Co.                   | 9,021,907  | 1.2  |
| 362,600   | EMC Corp.                         | 10,134,670 | 1.3  |
| 103,595   | Eversource Energy                 | 5,722,588  | 0.7  |
| 109,048   | Exxon Mobil Corp.                 | 9,707,453  | 1.3  |
| 441,973   | Freeport-McMoRan, Inc.            | 4,897,061  | 0.6  |

Voya Global Equity Dividend and Premium Opportunity Fund

PORTFOLIO OF INVESTMENTS  
as of May 31, 2016 (Unaudited) (Continued)

| Shares                    |                                            | Value       | Percentage<br>of Net<br>Assets |
|---------------------------|--------------------------------------------|-------------|--------------------------------|
| COMMON STOCK: (continued) |                                            |             |                                |
|                           | United States: (continued)                 |             |                                |
| 405,550                   | Gap, Inc.                                  | \$7,295,844 | 0.9                            |
| 413,431                   | General Electric Co.                       | 12,498,019  | 1.6                            |
| 36,200                    | Gilead Sciences, Inc.                      | 3,151,572   | 0.4                            |
| 21,700                    | International Business Machines Corp.      | 3,336,158   | 0.4                            |
| 91,664                    | Intel Corp.                                | 2,895,666   | 0.4                            |
| 82,091                    | Johnson & Johnson                          | 9,250,835   | 1.2                            |
| 97,874                    | JPMorgan Chase & Co.                       | 6,388,236   | 0.8                            |
| 132,900                   | Las Vegas Sands Corp.                      | 6,145,296   | 0.8                            |
| 155,857                   | Macy's, Inc.                               | 5,176,011   | 0.7                            |
| 269,700                   | Mattel, Inc.                               | 8,598,036   | 1.1                            |
| 70,500                    | McDonald's Corp.                           | 8,605,230   | 1.1                            |
| 284,447                   | Metlife, Inc.                              | 12,956,561  | 1.7                            |
| 232,476                   | Microsoft Corp.                            | 12,321,228  | 1.6                            |
| 215,000                   | Mosaic Co.                                 | 5,424,450   | 0.7                            |
| 466,387                   | Pfizer, Inc.                               | 16,183,629  | 2.1                            |
| 101,704                   | PNC Financial Services Group, Inc.         | 9,126,917   | 1.2                            |
| 109,582                   | Procter & Gamble Co.                       | 8,880,525   | 1.2                            |
| 89,200                    | Schlumberger Ltd.                          | 6,805,960   | 0.9                            |
| 283,139                   | Seagate Technology                         | 6,387,616   | 0.8                            |
| 60,000                    | Stanley Black & Decker, Inc.               | 6,790,800   | 0.9                            |
| 553,150                   | Symantec Corp.                             | 9,602,684   | 1.3                            |
| 110,683                   | Verizon Communications, Inc.               | 5,633,765   | 0.7                            |
| 131,100                   | Wal-Mart Stores, Inc.                      | 9,279,258   | 1.2                            |
| 9,476                     | Western Digital Corp.                      | 441,013     | 0.1                            |
| 90,200                    | WestRock Co.                               | 3,572,822   | 0.5                            |
|                           |                                            | 332,872,303 | 43.4                           |
|                           | Total Common Stock<br>(Cost \$819,505,685) | 733,053,079 | 95.6                           |

| # of Contracts          |                                                                                         | Value  | Percentage<br>of Net<br>Assets |
|-------------------------|-----------------------------------------------------------------------------------------|--------|--------------------------------|
| PURCHASED OPTIONS: 0.1% |                                                                                         |        |                                |
|                         | Options on Currencies: 0.1%                                                             |        |                                |
| 15,000,000              | @ Cal USD vs. Put EUR, Strike @ 1.084, Exp. 06/17/16 Counterparty:<br>Barclays Bank PLC | 12,385 | 0.0                            |

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|                                                                 |   |                                                                                       |               |                          |
|-----------------------------------------------------------------|---|---------------------------------------------------------------------------------------|---------------|--------------------------|
| 11,000,000                                                      | @ | Call USD vs. Put EUR, Strike @ 1.076, Exp. 08/19/16 Counterparty: BNP Paribas Bank    | 59,235        | 0.0                      |
| 15,000,000                                                      | @ | Call USD vs. Put EUR, Strike @ 1.085, Exp. 07/20/16 Counterparty: Morgan Stanley      | 86,072        | 0.0                      |
| 26,000,000                                                      | @ | Call USD vs. Put GBP, Strike @ 1.378, Exp. 06/17/16 Counterparty: BNP Paribas Bank    | 19,659        | 0.0                      |
| 26,000,000                                                      | @ | Call USD vs. Put GBP, Strike @ 1.357, Exp. 08/19/16 Counterparty: BNP Paribas Bank    | 235,546       | 0.1                      |
| 14,000,000                                                      | @ | Call USD vs. Put GBP, Strike @ 1.337, Exp. 07/20/16 Counterparty: Barclays Bank PLC   | 79,139        | 0.0                      |
| # of Contracts                                                  |   |                                                                                       | Value         | Percentage of Net Assets |
| PURCHASED OPTIONS: (continued)                                  |   |                                                                                       |               |                          |
| 15,000,000                                                      | @ | Call USD vs. Put JPY, Strike @ 116.000, Exp. 06/17/16 Counterparty: BNP Paribas Bank  | \$3,673       | 0.0                      |
| 15,000,000                                                      | @ | Call USD vs. Put JPY, Strike @ 115.180, Exp. 08/19/16 Counterparty: Barclays Bank PLC | 79,696        | 0.0                      |
| 11,000,000                                                      | @ | Call USD vs. Put JPY, Strike @ 113.850, Exp. 07/20/16 Counterparty: Barclays Bank PLC | 60,846        | 0.0                      |
|                                                                 |   |                                                                                       | 636,251       | 0.1                      |
| Total Purchased Options<br>(Cost \$1,149,200)                   |   |                                                                                       | 636,251       | 0.1                      |
| <b>Total Investments in Securities<br/>(Cost \$820,654,885)</b> |   |                                                                                       | \$733,689,330 | 95.7                     |
| <b>Assets in Excess of Other Liabilities</b>                    |   |                                                                                       | 33,172,859    | 4.3                      |
| <b>Net Assets</b>                                               |   |                                                                                       | \$766,862,189 | 100.0                    |

@ Non-income producing security.  
ADR American Depositary Receipt

Cost for federal income tax purposes is \$820,811,297.

Net unrealized depreciation consists of:

Gross Unrealized Appreciation \$59,077,567  
Gross Unrealized Depreciation (146,199,534)  
Net Unrealized Depreciation \$(87,121,967 )

|                        |                          |   |
|------------------------|--------------------------|---|
| Sector Diversification | Percentage of Net Assets |   |
| Financials             | 22.8                     | % |



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|                                       |              |          |
|---------------------------------------|--------------|----------|
| Health Care                           | 12.4         |          |
| Information Technology                | 12.1         |          |
| Energy                                | 9.6          |          |
| Consumer Discretionary                | 9.4          |          |
| Industrials                           | 8.5          |          |
| Consumer Staples                      | 6.8          |          |
| Materials                             | 5.7          |          |
| Telecommunication Services            | 4.9          |          |
| Utilities                             | 3.4          |          |
| Purchased Options                     | 0.1          |          |
| Assets in Excess of Other Liabilities | 4.3          |          |
| Net Assets                            | <b>100.0</b> | <b>%</b> |

Voya Global Equity Dividend and Premium Opportunity Fund **PORTFOLIO OF INVESTMENTS**  
as of May 31, 2016 (Unaudited) (Continued)

**Fair Value Measurements**

The following is a summary of the fair valuations according to the inputs used as of May 31, 2016 in valuing the assets and liabilities:

|                                  | Quoted Prices<br>in Active Markets<br>for Identical<br>Investments<br>(Level 1) | Significant<br>Other<br>Observable<br>Inputs#<br>(Level 2) | Significant<br>Unobservable<br>Inputs<br>(Level 3) | Fair Value<br>at<br>May 31, 2016 |
|----------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------|----------------------------------|
| Asset Table                      |                                                                                 |                                                            |                                                    |                                  |
| Investments, at fair value       |                                                                                 |                                                            |                                                    |                                  |
| Common Stock                     |                                                                                 |                                                            |                                                    |                                  |
| Belgium                          | \$ —                                                                            | \$2,860,136                                                | \$ —                                               | \$2,860,136                      |
| Canada                           | 28,298,254                                                                      | —                                                          | —                                                  | 28,298,254                       |
| France                           | —                                                                               | 78,634,007                                                 | —                                                  | 78,634,007                       |
| Germany                          | 3,392,046                                                                       | 9,554,989                                                  | —                                                  | 12,947,035                       |
| Italy                            | —                                                                               | 28,482,230                                                 | —                                                  | 28,482,230                       |
| Japan                            | —                                                                               | 64,837,914                                                 | —                                                  | 64,837,914                       |
| Netherlands                      | —                                                                               | 20,240,755                                                 | —                                                  | 20,240,755                       |
| Singapore                        | —                                                                               | 9,539,725                                                  | —                                                  | 9,539,725                        |
| Spain                            | —                                                                               | 8,580,138                                                  | —                                                  | 8,580,138                        |
| Sweden                           | —                                                                               | 12,851,825                                                 | —                                                  | 12,851,825                       |
| Switzerland                      | —                                                                               | 41,953,783                                                 | —                                                  | 41,953,783                       |
| Taiwan                           | 8,787,144                                                                       | 2,709,749                                                  | —                                                  | 11,496,893                       |
| United Kingdom                   | —                                                                               | 79,458,081                                                 | —                                                  | 79,458,081                       |
| United States                    | 332,872,303                                                                     | —                                                          | —                                                  | 332,872,303                      |
| Total Common Stock               | 373,349,747                                                                     | 359,703,332                                                | —                                                  | 733,053,079                      |
| Purchased Options                | —                                                                               | 636,251                                                    | —                                                  | 636,251                          |
| Total Investments, at fair value | \$ 373,349,747                                                                  | \$360,339,583                                              | \$ —                                               | \$733,689,330                    |
| Other Financial Instruments+     |                                                                                 |                                                            |                                                    |                                  |
| Futures                          | 297,020                                                                         | —                                                          | —                                                  | 297,020                          |
| Total Assets                     | \$ 373,646,767                                                                  | \$360,339,583                                              | \$ —                                               | \$733,986,350                    |
| Liabilities Table                |                                                                                 |                                                            |                                                    |                                  |
| Other Financial Instruments+     |                                                                                 |                                                            |                                                    |                                  |
| Futures                          | \$ (230,595                                                                     | ) \$—                                                      | \$ —                                               | \$(230,595 )                     |
| Written Options                  | —                                                                               | (6,753,428 )                                               | —                                                  | (6,753,428 )                     |
| Total Liabilities                | \$ (230,595                                                                     | ) \$(6,753,428 )                                           | \$ —                                               | \$(6,984,023 )                   |

+

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 May 31, 2016, the following futures contracts were outstanding for Voya Global Equity Dividend and Premium Opportunity Fund:

| Contract Description   | Number of Contracts | Expiration Date | Notional Value | Unrealized Appreciation/ (Depreciation) |
|------------------------|---------------------|-----------------|----------------|-----------------------------------------|
| <b>Long Contracts</b>  |                     |                 |                |                                         |
| EURO STOXX 50® Index   | 192                 | 06/17/16        | \$6,522,053    | \$ 45,678                               |
| Nikkei 225 Index       | 130                 | 06/09/16        | 10,102,045     | 225,027                                 |
| S&P 500 E-Mini         | 12                  | 06/17/16        | 1,256,940      | 26,315                                  |
|                        |                     |                 | \$17,881,038   | \$ 297,020                              |
| <b>Short Contracts</b> |                     |                 |                |                                         |
| FTSE 100 Index         | (95)                | 06/17/16        | (8,557,623 )   | (230,595 )                              |
|                        |                     |                 | \$(8,557,623 ) | \$(230,595 )                            |

At May 31, 2016, the following over-the-counter written options were outstanding for Voya Global Equity Dividend and Premium Opportunity Fund:

| Number of Contracts/Notional Amount | Counterparty     | Description                  | Exercise Price | Expiration Date | Premiums Received | Fair Value  |
|-------------------------------------|------------------|------------------------------|----------------|-----------------|-------------------|-------------|
| <b>Options on Indices</b>           |                  |                              |                |                 |                   |             |
| 4,300                               | BNP Paribas Bank | Call on EURO STOXX 50® Index | 2,968.746      | EUR 06/17/16    | \$302,896         | \$(530,521) |
| 4,400                               | BNP Paribas Bank | Call on EURO STOXX 50® Index | 3,042.623      | EUR 06/03/16    | 277,265           | (165,460)   |

Voya Global Equity Dividend and Premium Opportunity Fund

PORTFOLIO OF INVESTMENTS  
as of May 31, 2016 (Unaudited) (Continued)

| Number of<br>Contracts/Notional<br>Amount | Counterparty      | Description                  | Exercise<br>Price | Expiration<br>Date | Premiums<br>Received | Fair Value |
|-------------------------------------------|-------------------|------------------------------|-------------------|--------------------|----------------------|------------|
| 4,100                                     | Morgan Stanley    | Call on EURO STOXX 50® Index | 2,983.060         | EUR 07/01/16       | \$294,703            | \$(547,43  |
| 2,500                                     | Barclays Bank PLC | Call on FTSE 100 Index       | 6,231.340         | GBP 07/01/16       | 381,392              | (419,68    |
| 2,400                                     | Barclays Bank PLC | Call on FTSE 100 Index       | 6,393.190         | GBP 06/03/16       | 277,245              | (860       |
| 2,400                                     | BNP Paribas Bank  | Call on FTSE 100 Index       | 6,184.900         | GBP 06/17/16       | 332,725              | (342,49    |
| 88,500                                    | Barclays Bank PLC | Call on Nikkei 225 Index     | 17,111.040        | JPY 06/03/16       | 307,396              | (171,27    |
| 91,000                                    | Morgan Stanley    | Call on Nikkei 225 Index     | 16,392.620        | JPY 06/17/16       | 312,314              | (766,17    |
| 94,200                                    | Morgan Stanley    | Call on Nikkei 225 Index     | 17,113.120        | JPY 07/01/16       | 307,596              | (456,21    |
| 37,400                                    | BNP Paribas Bank  | Call on S&P 500 Index        | 2,099.925         | USD 06/03/16       | 915,298              | (247,04    |
| 36,800                                    | Citigroup, Inc.   | Call on S&P 500 Index        | 2,076.890         | USD 06/17/16       | 932,251              | (1,183,6   |
| 36,300                                    | Citigroup, Inc.   | Call on S&P 500 Index        | 2,078.170         | USD 07/01/16       | 927,146              | (1,459,7   |
| <b>Options on Currencies</b>              |                   |                              |                   |                    |                      |            |
| 15,000,000                                | Barclays Bank PLC | Put USD vs. Call EUR         | 1.175             | USD 06/17/16       | 90,000               | (493       |
| 11,000,000                                | BNP Paribas Bank  | Put USD vs. Call EUR         | 1.162             | USD 08/19/16       | 73,700               | (34,654    |
| 15,000,000                                | Morgan Stanley    | Put USD vs. Call EUR         | 1.170             | USD 07/20/16       | 105,000              | (18,075    |
| 14,000,000                                | Barclays Bank PLC | Put USD vs. Call GBP         | 1.491             | USD 07/20/16       | 168,000              | (126,01    |
| 26,000,000                                | BNP Paribas Bank  | Put USD vs. Call GBP         | 1.499             | USD 06/17/16       | 195,000              | (21,156    |
| 26,000,000                                | BNP Paribas Bank  | Put USD vs. Call GBP         | 1.511             | USD 08/19/16       | 273,000              | (173,11    |
| 11,000,000                                | Barclays Bank PLC | Put USD vs. Call JPY         | 102.870           | USD 07/20/16       | 66,000               | (16,757    |
| 15,000,000                                | Barclays Bank PLC | Put USD vs. Call JPY         | 104.270           | USD 08/19/16       | 96,000               | (68,581    |
| 15,000,000                                | BNP Paribas Bank  | Put USD vs. Call JPY         | 105.140           | USD 06/17/16       | 82,500               | (4,042     |
|                                           |                   | Total Written OTC Options    |                   |                    | \$6,717,427          | \$(6,753,4 |

Voya Global Equity Dividend and Premium Opportunity Fund

PORTFOLIO OF INVESTMENTS  
as of May 31, 2016 (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 May 31, 2016 was as follows:

|                                                      |                   | <u>Fair Value</u> |
|------------------------------------------------------|-------------------|-------------------|
| Derivatives not accounted for as hedging instruments |                   |                   |
| Asset Derivatives                                    | Instrument Type   |                   |
| Foreign exchange contracts                           | Purchased options | \$ 636,251        |
| Equity contracts                                     | Futures contracts | 297,020           |
| Total Asset Derivatives                              |                   | \$ 933,271        |
| Liability Derivatives                                | Instrument Type   |                   |
| Equity Contracts                                     | Futures contracts | \$ 230,595        |
| Equity Contracts                                     | Written options   | 462,887           |
| Foreign exchange contracts                           | Written options   | 6,290,541         |
| Total Liability Derivatives                          |                   | \$ 6,984,023      |

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 May 31, 2016:

|                                                               | Barclays Bank PLC | BNP Paribas Bank | Citigroup, Inc.  | Morgan Stanley   | Totals        |
|---------------------------------------------------------------|-------------------|------------------|------------------|------------------|---------------|
| Assets:                                                       |                   |                  |                  |                  |               |
| Purchased Options                                             | \$ 232,066        | \$ 318,113       | \$ -             | \$ 86,072        | \$ 636,251    |
| Total Assets                                                  | \$ 232,066        | \$ 318,113       | \$ -             | \$ 86,072        | \$ 636,251    |
| Liabilities:                                                  |                   |                  |                  |                  |               |
| Written options                                               | \$ 803,665        | \$ 1,518,478     | \$ 2,643,385     | \$ 1,787,900     | \$ 6,753,428  |
| Total Liabilities                                             | \$ 803,665        | \$ 1,518,478     | \$ 2,643,385     | \$ 1,787,900     | \$ 6,753,428  |
| Net OTC derivative instruments by counterparty, at fair value | \$ (571,599)      | ) \$ (1,200,365) | ) \$ (2,643,385) | ) \$ (1,701,828) | ) (6,117,177) |
|                                                               | \$ -              | \$ -             | \$ -             | \$ -             | \$ -          |

Total collateral pledged by the  
Fund/(Received from  
counterparty)

**Net Exposure**<sup>(1)</sup>                      \$ (571,599        ) \$ (1,200,365        ) \$ (2,643,385        ) \$ (1,701,828        ) \$ (6,117,177)

- (1) Positive net exposure represents amounts due from each respective counterparty. Negative exposure represents amounts due from the Fund.

Item 2. Controls and Procedures.

(a) 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.

(b) There were no significant changes in the registrant's internal controls over financial reporting that occurred during 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 Global Equity Dividend and Premium Opportunity Fund

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

Date: July 27, 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: July 27, 2016

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

Date: July 27, 2016