Voya GLOBAL EQUITY DIVIDEND & PREMIUM OPPORTUNITY FUND Form N-Q July 27, 2017

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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: 811-21553

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, 2017

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 as of May 31, 2017 (Unaudited)

Shares		Value	Percentage of Net Assets
COMMON S	TOCK: 93.2%		
76,500	Belgium: 0.4% Ageas	\$3,090,322	0.4
73,547 647,521 452,914 64,581	Canada: 3.1% Canadian Imperial Bank of Commerce - XTSE Cenovus Energy, Inc. Shaw Communications, Inc Class B TransCanada Corp.	5,750,479 5,776,088 9,676,202 2,998,019 24,200,788	0.7 0.8 1.2 0.4 3.1
217,693 164,794 174,031 242,794 @ 426,000 834,790 102,397 243,200 117,925	France: 12.0% BNP Paribas Casino Guichard Perrachon S.A. Cie de Saint-Gobain Eutelsat Communications Orange SA Engie SA Sanofi Total S.A. Vinci S.A.	15,369,298 10,159,777 9,727,171 6,249,749 7,484,961 12,758,252 10,142,858 12,847,842 10,314,566 95,054,474	1.9 1.3 1.2 0.8 1.0 1.6 1.3 1.6 1.3
522,367	Germany: 1.2% Deutsche Bank AG	9,164,393	1.2
811,761 375,887 531,892 @	Italy: 3.6% Assicurazioni Generali S.p.A. ENI S.p.A. UniCredit SpA	12,825,010 5,974,777 9,318,647 28,118,434	1.6 0.8 1.2 3.6
103,700 436,100 198,400 1,937,800 439,500 46,400 968,800	Japan: 7.7% Canon, Inc. Itochu Corp. Japan Airlines Co. Ltd. Mitsubishi UFJ Financial Group, Inc. Mitsui & Co., Ltd. Murata Manufacturing Co., Ltd. Nissan Motor Co., Ltd.	3,564,290 6,189,742 5,815,997 12,024,633 5,931,688 6,422,983 9,286,980	0.4 0.8 0.7 1.5 0.8 0.8

334,400		11,974,683 61,210,996	1.5 7.7	
287,444 @	Luxembourg: 0.8% ArcelorMittal	6,233,620	0.8	
589,367	Netherlands: 2.0% Royal Dutch Shell PLC	16,024,487	2.0	
2,418,800 219,200	United Overseas Bank Ltd.	6,570,244 3,638,600 10,208,844	0.8 0.5 1.3	
Shares		Value		Percentage of Net Assets
COMMON S	TOCK: (continued)			
156,700 836,943	Spain: 2.0% ACS Actividades de Construccion y Servicios S.A Telefonica S.A.	\$6,270,8 9,331,8 15,602	843	0.8 1.2 2.0
867,200 392,101	Sweden: 1.6% Telefonaktiebolaget LM Ericsson Volvo AB - B Shares	6,321,0 6,404,7 12,725	368	0.8 0.8 1.6
440,566 121,587 36,681 23,111	Switzerland: 4.2% Credit Suisse Group AG Novartis AG Roche Holding AG Zurich Insurance Group AG	6,016,4 9,950,1 10,070 6,800,2 32,837	102 0,732 270	0.8 1.2 1.3 0.9 4.2
197,567	Taiwan: 0.9% Taiwan Semiconductor Manufacturing Co., Ltd. A	DR 6,985, 9	969	0.9
2,330,813 1,137,092 126,113 1,847,637 1,984,800 241,023 330,950 4,437,054	United Kingdom: 8.4% Barclays PLC HSBC Holdings PLC (GBP) Imperial Brands PLC J Sainsbury PLC Kingfisher PLC Rio Tinto PLC SSE PLC Vodafone Group PLC	6,308,9 9,901, 5,901,0 6,693, 8,301,7 9,624,9 6,427,9 13,250 66,409	114 074 175 762 916 978 0,643	0.8 1.3 0.7 0.8 1.1 1.2 0.8 1.7 8.4
215,100	United States: 44.0% Abbott Laboratories	9,821,4	466	1.2

95,611		AbbVie, Inc.	6,312,238	0.8
25,943	@	Allergan plc	5,800,127	0.7
95,100		American Electric Power Co., Inc.	6,826,278	0.9
59,606		Amgen, Inc.	9,253,235	1.2
103,251		Apple, Inc.	15,772,623	2.0
175,738		Bristol-Myers Squibb Co.	9,481,065	1.2
77,200		Bunge Ltd.	6,173,684	0.8
66,480		Caterpillar, Inc.	7,008,986	0.9
264,779		CenturyLink, Inc.	6,606,236	0.8
400,039		Cisco Systems, Inc.	12,613,230	1.6
262,700		Citigroup, Inc.	15,903,858	2.0
14,754		Conagra Brands, Inc.	568,619	0.1
210,900		ConocoPhillips	9,425,121	1.2
118,925		Eli Lilly & Co.	9,462,862	1.2
114,495		Eversource Energy	7,106,705	0.9
114,348		Exxon Mobil Corp.	9,205,014	1.2
212,073	@	Freeport-McMoRan, Inc.	2,436,719	0.3
405,450		Gap, Inc.	9,122,625	1.2
414,431		General Electric Co.	11,347,121	1.4
146,300		Gilead Sciences, Inc.	9,493,407	1.2
62,531		International Business Machines Corp.	9,544,107	1.2
91,664		Intel Corp.	3,309,987	0.4

Voya Global Equity Dividend and Premium Opportunity Fund as of May 31, 2017 (Unaudited) (Continued)

Shares		Value	Percentage of Net Assets
COMMON	STOCK: (continued)		
	United States: (continued)		
111,900	Las Vegas Sands Corp.	\$6,616,647	0.8
268,957	Macy's, Inc.	6,320,489	0.8
432,244	Mattel, Inc.	9,902,710	1.3
69,275	McDonald's Corp.	10,452,905	1.3
101,100	Merck & Co., Inc.	6,582,621	0.8
252,347	Metlife, Inc.	12,766,235	1.6
187,076	Microsoft Corp.	13,065,388	1.7
248,100	Mosaic Co.	5,614,503	0.7
382,087	Pfizer, Inc.	12,475,141	1.6
80,604	PNC Financial Services Group, Inc.	9,567,695	1.2
109,182	Procter & Gamble Co.	9,617,842	1.2
118,600	Qualcomm, Inc.	6,792,222	0.9
87,600	Schlumberger Ltd.	6,096,084	0.8
64,339	Seagate Technology	2,803,250	0.4
46,500	Stanley Black & Decker, Inc.	6,400,260	0.8
101,650	Symantec Corp.	3,081,012	0.4
139,783	Verizon Communications, Inc.	6,519,479	0.8
109,700	VF Corp.	5,901,860	0.8
131,600	Wal-Mart Stores, Inc.	10,343,760	1.3
63,600	WestRock Co.	3,461,112	0.4
		346,976,528	44.0
	otal Common Stock Cost \$772,920,848)	734,844,149	93.2
RIGHTS:			
	Switzerland: 0.0%		
440,566 @	Credit Suisse Group AG	204,692	0.0
Т	otal Rights		
	Cost \$-)	204,692	0.0
(,	,	

of Contracts

Percentage

Value of Net

Assets

PURCHASED OPTIONS: 0.1%

Options on Currencies: 0.1%

10,500,000 @ Call USD vs. Put EUR, Strike @ 1.004, Exp. 06/20/17 Counterparty:	12	0.0
Morgan Stanley & Co. International PLC	12	0.0
6,000,000 @ Call USD vs. Put EUR, Strike @ 1.031, Exp. 07/20/17 Counterparty: Societe Generale	515	0.0
8,200,000 @ Call USD vs. Put EUR, Strike @ 1.097, Exp. 08/21/17 Counterparty: BNF Paribas S.A.	33,360	0.0
24,000,000 @ Call USD vs. Put GBP, Strike @ 1.191, Exp. 06/20/17 Counterparty: Roya Bank of Scotland PLC	al 4,354	0.0
28,000,000 @ Call USD vs. Put GBP, Strike @ 1.262, Exp. 08/21/17 Counterparty: BNP Paribas S.A.	215,551	0.1
# of Contracts	alue	Percentage of Net Assets
PURCHASED OPTIONS: (continued) Options on Currencies: (continued)		
27,000,000 @ Call USD vs. Put GBP, Strike @ 1.234, Exp. 07/20/17 Counterparty: \$5	58,944	0.0
16,000,000 @ Call USD vs. Put JPY, Strike @ 113.050, Exp. 07/20/17 Counterparty: Societe Generale	50,464	0.0
14,500,000 @ Call USD vs. Put JPY, Strike @ 117.250, Exp. 06/20/17 Counterparty: Barclays Bank PLC	195	0.0
17,000,000 @ Call USD vs. Put JPY, Strike @ 114.540, Exp. 08/21/17 Counterparty: BNP Paribas S.A.	57,436	0.0
	430,831	0.1
Total Purchased Options (Cost \$638,475)	430,831	0.1
Total Long-Term Investments (Cost \$773,559,323)	735,479,672	93.3
Shares Value SHORT-TERM INVESTMENTS: 5.6%	Percent of Net Assets	age
Mutual Funds: 5.6%		
44,382,926 BlackRock Liquidity Funds, FedFund, Institutional Class, 0.680%†† (Cost \$44,382,926) 44,382,926	26 5.6	
Total Short-Term Investments (Cost \$44,382,926) 44,382,926	26 5.6	
Total Investments in Securities (Cost \$817,942,249) \$779,862,4	598 98.9	
Assets in Excess of Other Liabilities Net Assets 8,957,09' Net Assets \$788,819,0		

^{††} Rate shown is the 7-day yield as of May 31, 2017.

@ Non-income producing security.

ADR American Depositary Receipt

Cost for federal income tax purposes is \$818,278,275.

Net unrealized depreciation consists of:

Gross Unrealized Appreciation \$75,813,293 Gross Unrealized Depreciation (114,228,970)

Net Unrealized Depreciation \$(38,415,677)

Sector Diversification	Percentage of Net Assets	
Financials	19.1	%
Health Care	13.7	
Information Technology	11.5	
Consumer Discretionary	10.5	
Industrials	9.5	
Energy	8.8	
Telecommunication Services	6.3	
Consumer Staples	6.2	
Utilities	4.2	
Materials	3.4	
Purchased Options	0.1	
Short-Term Investments	5.6	
Assets in Excess of Other Liabilities	1.1	
Net Assets	100.0	%

Voya Global Equity Dividend and Premium Opportunity Fund as of May 31, 2017 (Unaudited) (Continued)

Fair Value Measurements

The following is a summary of the fair valuations according to the inputs used as of May 31, 2017 in valuing the assets and liabilities:

A T. I.I.	Quoted Prices in Active Markets for Identical Investments (Level 1)	Significant Other Observable Inputs# (Level 2)	Signific Unobse Inputs (Level 1	rvable	Fair Value at May 31, 2017
Asset Table					
Investments, at fair value					
Common Stock	φ	Ф2 000 222	ф		Ф2 000 2 22
Belgium	\$ -	\$3,090,322	\$	_	\$3,090,322
Canada	24,200,788	-		_	24,200,788
France	_	95,054,474		_	95,054,474
Germany	_	9,164,393		_	9,164,393
Italy	_	28,118,434		_	28,118,434
Japan	_	61,210,996		_	61,210,996
Luxembourg	6,233,620	_		_	6,233,620
Netherlands	_	16,024,487		_	16,024,487
Singapore	_	10,208,844		_	10,208,844
Spain	_	15,602,686		_	15,602,686
Sweden	_	12,725,375		_	12,725,375
Switzerland	_	32,837,655		_	32,837,655
Taiwan	6,985,969	_		_	6,985,969
United Kingdom	_	66,409,578		_	66,409,578
United States	346,976,528	_		_	346,976,528
Total Common Stock	384,396,905	350,447,244		_	734,844,149
Rights	204,692	_		_	204,692
Purchased Options	_	430,831		_	430,831
Short-Term Investments	44,382,926	_		_	44,382,926
Total Investments, at fair value	\$ 428,984,523	\$350,878,075	\$	_	\$779,862,598
Other Financial Instruments+					
Futures	46,965	_		_	46,965
Total Assets	\$ 429,031,488	\$350,878,075	\$	_	\$779,909,563
Liabilities Table					
Other Financial Instruments+					
Forward Foreign Currency Contracts	\$ -	\$(4,494)	\$	_	\$(4,494)
Futures	(364,332) –	•	_	(364,332)
Written Options	-	(7,461,823))	_	(7,461,823)

Total Liabilities \$ (364,332) \$ (7,466,317) \$ - \$ (7,830,649)

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.

Voya Global Equity Dividend and Premium Opportunity Fund as of May 31, 2017 (Unaudited) (Continued)

At May 31, 2017, the following forward foreign currency contracts were outstanding for Voya Global Equity Dividend and Premium Opportunity Fund:

				Sattlament	Unrealized	
Curren	cy Purchased	Currency Sold	Counterparty	Date	Unrealized Appreciation	
					(Depreciation)	
USD	907,709	JPY 101,026,498	Morgan Stanley & Co. International PLC	06/01/17	\$ (4,494)
			-		\$ (4,494)

At May 31, 2017, 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))
Long Contracts				_	
EURO STOXX 50® Index	386	06/16/17	\$15,406,351	\$ 46,965	
Nikkei 225 Index	64	06/08/17	5,681,986	(27,894)
			\$21,088,337	\$ 19,071	
Short Contracts					
FTSE 100 Index	(63) 06/16/17	(6,094,391)	(213,101)
S&P 500 E-Mini	(153) 06/16/17	(18,444,915)	(123,337)
			\$(24,539,306)	\$ (336,438)

At May 31, 2017, the following over-the-counter written options were outstanding for Voya Global Equity Dividend and Premium Opportunity Fund:

Notional Amount/Num 6 counterparty of Contracts		Description	Exercise Price	Expiration Date	Premiums Received	Fair Value	
Options on l	Indices						
2,200	Morgan Stanley & Co. International PLC	Call on EURO STOXX 50® Index	3,443.480	EUR 06/02/17	\$157,965	\$(261,768)
2,000	Societe Generale		3,605.780	EUR 07/07/17	105,181	(66,912)

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		Call on EURO STOXX 50® Index				
2,100	Societe Generale	Call on EURO STOXX 50® Index	3,640.040	EUR 06/23/17	96,873	(27,283)
2,900	Morgan Stanley & Co. International PLC	Call on FTSE 100 Index	7,142.890	GBP 06/02/17	318,028	(1,397,288)
2,800	Morgan Stanley & Co. International PLC	Call on FTSE 100 Index	7,435.430	GBP 06/23/17	245,282	(478,628)
2,800	Societe Generale	Call on FTSE 100 Index	7,532.350	GBP 07/07/17	255,834	(336,829)
92,000	Morgan Stanley & Co. International PLC	Call on Nikkei 225 Index	18,932.310	JPY 06/02/17	246,592	(597,701)
90,500	Morgan Stanley & Co. International PLC	Call on Nikkei 225 Index	19,880.130	JPY 07/07/17	221,259	(150,262)
91,000	Societe Generale	Call on Nikkei 225 Index	20,098.320	JPY 06/23/17	186,652	(55,517)
33,400	Morgan Stanley & Co. International PLC	Call on S&P 500 Index	2,372.830	USD 06/02/17	722,262	(1,309,078)
33,800	Morgan Stanley & Co. International PLC	Call on S&P 500 Index	2,400.770	USD 07/07/17	630,691	(1,113,971)
33,400	Societe Generale	Call on S&P 500 Index	2,402.580	USD 06/23/17	678,023	(869,134)
Options on (Currencies					
8,200,000	BNP Paribas S.A.	Put USD vs. Call EUR	1.160	USD 08/21/17	38,540	(26,947)
10,500,000	Morgan Stanley & Co. International PLC	Put USD vs. Call EUR	1.097	USD 06/20/17	98,490	(270,949)
6,000,000	Societe Generale	Put USD vs. Call EUR	1.110	USD 07/20/17	42,000	(114,162)
28,000,000	BNP Paribas S.A.	Put USD vs. Call GBP	1.350	USD 08/21/17	140,000	(74,694)
24,000,000	Royal Bank of Scotland PLC	Put USD vs. Call GBP	1.300	USD 06/20/17	_	(127,744)
27,000,000	Societe Generale	Put USD vs. Call GBP	1.330	USD 07/20/17	153,900	(82,642)
14,500,000	Barclays Bank PLC	Put USD vs. Call JPY	105.250	USD 06/20/17	_	(6,165)
17,000,000	BNP Paribas S.A.	Put USD vs. Call JPY	105.650	USD 08/21/17	85,000	(76,508)
16,000,000	Societe Generale	Put USD vs. Call JPY	103.570	USD 07/20/17	88,000	(17,641)
			Total Writte	n OTC Options	\$4,510,572	\$(7,461,823)

Currency Abbreviations

EUR-EU Euro

GBP-British Pound

JPY -Japanese Yen

USD-United States Dollar

Voya Global Equity Dividend and Premium Opportunity Fund as of May 31, 2017 (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, 2017 was as follows:

Derivatives not accounted for	Fair Value	
Asset Derivatives Foreign exchange contracts Equity contracts Total Asset Derivatives	Instrument Type Purchased options Futures contracts	\$430,831 46,965 \$477,796
Liability Derivatives Foreign exchange contracts Equity Contracts Equity Contracts Foreign exchange contracts Total Liability Derivatives	Instrument Type Forward foreign currency contracts Futures contracts Written options Written options	\$4,494 364,332 6,664,371 797,452 \$7,830,649

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, 2017:

	Barclays Bank PLC	BNP Paribas S.A.	Ci	tiban	k S Vi	c A s	Morgan anstanley & Co. tilmarnational PLC	Royal Bank of Scotland PLC	Societe Generale	Totals
Assets:										
Purchased Options	\$ 195	\$306,347	\$	-	\$	-	\$12	\$4,354	\$119,923	\$430,831
Total Assets	\$ 195	\$306,347	\$	-	\$	-	\$12	\$4,354	\$119,923	\$430,831
Liabilities:										
Forward foreign currency contracts	\$ -	\$-	\$	-	\$	-	\$4,494	\$-	\$-	\$4,494
Written options	6,165	178,149		-		-	5,579,645	127,744	1,570,120	7,461,823
Total Liabilities	\$6,165	\$178,149	\$	-	\$	-	\$5,584,139	\$127,744	\$1,570,120	\$7,466,317

Net OTC derivative instruments by \$(5,970) \$128,198 \$ - \$ -\$(5,584,127) \$(123,390) \$(1,450,197) (7,035,486) counterparty, at fair value Total collateral pledged by the \$ -\$ -\$ -\$-\$-\$-\$1,450,197 \$1,450,197 Fund/(Received from counterparty) Net Exposure⁽¹⁾⁽²⁾ \$(5,970) \$128,198 \$ -\$ -\$(5,584,127) \$(123,390) \$-\$(5,585,289)

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

⁽²⁾ At May 31, 2017, the Fund had pledged \$7,400,000 in cash collateral to Societe Generale. Excess cash collateral is not shown for financial reporting purposes.

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 Global Equity Dividend and Premium Opportunity Fund

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

Date: July 27, 2017

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, 2017

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

Date: July 27, 2017