

KAYNE ANDERSON MIDSTREAM/ENERGY FUND, INC.
 Form 4
 March 26, 2012

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 RELIASTAR LIFE INSURANCE
 CO OF NEW YORK

(Last) (First) (Middle)

C/O ING INVESTMENT
 MANAGEMENT, LLC, 5780
 POWERS FERRY ROAD, NW,
 SUITE 300

(Street)

ATLANTA, 2Q 30327

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 KAYNE ANDERSON
 MIDSTREAM/ENERGY FUND,
 INC. [KMF]

3. Date of Earliest Transaction
 (Month/Day/Year)
 03/22/2012

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 ____ Officer (give title below) Other (specify below)

See explanation below

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Price		
4.00% Series C Unsecured Notes due March 22, 2022	03/22/2012		P	500,000 A	\$ 500,000	D	
Series B Mandatory Redeemable	03/22/2012		P	12,000 A	\$ 25	D	

Preferred
Shares

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned (Instr. 6)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

RELIASTAR LIFE INSURANCE CO OF NEW YORK
C/O ING INVESTMENT MANAGEMENT, LLC
5780 POWERS FERRY ROAD, NW, SUITE 300
ATLANTA, 2Q 30327

See explanation below

Signatures

/s/Christopher P. Lyons, Senior Vice President, ING Investment Management, LLC, as Agent

03/26/2012

__Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Remarks:

Filed pursuant to Section 30(h) of the Investment Company Act of 1940. The Reporting Party and its affiliates own in excess of 10% of the outstanding shares of the reporting company.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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