KAYNE ANDERSON MIDSTREAM/ENERGY FUND, INC.
Form 3
March 11, 2011

FORM 3

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

OMB APPROVAL

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INITIAL STATEMENT OF 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 *
Â RELIASTAR LIFE INSURANCE CO OF NEW YORK

(Last) (First) (Middle)

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

(Street)

ATLANTA,Â 2QÂ 30327

(City) (State) (Zip)

2. Date of Event Requiring Statement (Month/Day/Year)
03/03/2011

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

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director _____ 10% Owner
_____ Officer __X__ Other
(give title below) (specify below)
See Explanation Below

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

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1.Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
4.62% Series B Senior Unsecured Notes due March 3, 2018	$ 600,000	D	Â
Series A Mandatorily Redeemable Preferred Shares	8,000	D	Â

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

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (*e.g.*, puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	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,Â 2QÂ 30327	Â	Â	Â	See Explanation Below

Signatures

/s/Christopher P. Lyons, Senior Vice President, ING Investment Management, LLC, as Agent	03/11/2011
**Signature of Reporting Person	Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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).

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Remarks:

FiledÂ pursuantÂ toÂ SectionÂ 30(h)Â ofÂ theÂ InvestmentÂ CompanyÂ ActÂ ofÂ 1940.Â TheÂ ReportingÂ PartyÂ andÂ

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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