

KAYNE ANDERSON MIDSTREAM/ENERGY FUND, INC.
 Form 4
 February 16, 2016

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 *
 SUN LIFE FINANCIAL INC

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

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

___ Director ___X___ 10% Owner
 ___ Officer (give title below) ___ Other (specify below)

(Last) (First) (Middle)

150 KING STREET WEST,
 (Street)

3. Date of Earliest Transaction
 (Month/Day/Year)
 11/24/2015

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

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

TORONTO, A6 M5H 1J9
 (City) (State) (Zip)

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) |
|--|--------------------------------------|--|--------------------------------|---|---|--|--|
| | | | Code | V | Amount | (A) or (D) | Price |
| Series A Mandatory Redeemable Preferred Shares | 11/24/2015 | | J ⁽¹⁾ | | 560,000 | D | \$ 25.5 0 |
| | | | | | | I | By Sun Life Assurance Company of Canada ⁽²⁾ |

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

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number.

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. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| SUN LIFE FINANCIAL INC 150 KING STREET WEST TORONTO, A6 M5H 1J9 | | X | | |
| Sun Life Assurance Co of Canada 150 KING STREET WEST SUITE 1400 TORONTO, A6 M5H 1J9 | | X | | |

Signatures

/s/ John T. Donnelly, Authorized Signatory of Sun Life Financial Inc. and Sun Life Assurance Company of Canada 02/16/2016

__Signature of Reporting Person Date

/s/ Stephen Peacher, Authorized Signatory of Sun Life Financial Inc. and Sun Life Assurance Company of Canada 02/16/2016

__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).
- (1) On November 24, 2015, the issuer redeemed all outstanding shares of its Series A Mandatory Redeemable Preferred Shares.
 - (2) Shares were owned by Sun Life Assurance Company of Canada, a 100% owned subsidiary of Sun Life Financial Inc.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.