

Kayne Anderson MLP Investment CO

Form 3

September 23, 2011

FORM 3UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

OMB
Number: 3235-0104Expires: January 31,
2005Estimated average
burden hours per
response... 0.5**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 MetLife Investment Advisors
Company, LLC

(Last) (First) (Middle)

10 PARK AVENUE,Â P.O. BOX
1902

(Street)

MORRISTOWN,Â NJÂ 07962

(City) (State) (Zip)

2. Date of Event Requiring
Statement(Month/Day/Year)
05/26/20113. Issuer Name **and** Ticker or Trading Symbol

Kayne Anderson MLP Investment CO [KYN]

4. Relationship of Reporting
Person(s) to Issuer5. If Amendment, Date Original
Filed(Month/Day/Year)

(Check all applicable)

____ Director ____X__ 10% Owner
____ Officer ____ Other
(give title below) (specify below)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)Kayne Anderson MLP Investment Company
(1)

\$ 12,000,000

D Â

Kayne Anderson MLP Investment Company
(2)

\$ 5,000,000

D Â

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

SEC 1473 (7-02)

**Persons who respond to the collection of
information contained in this form are not
required to respond unless the form displays a
currently valid OMB control number.****Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

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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
MetLife Investment Advisors Company, LLC 10 PARK AVENUE P.O. BOX 1902 MORRISTOWN, NJ 07962	^	^ X	^	^

Signatures

/s/ Daniel F. Scudder, Associate General Counsel

09/15/2011

__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).

(1) 4.38% Series W Senior Unsecured Note Due 5/26/2018. See Exh 99-1.

(2) 3.71% Series V Senior Unsecured Note Due 5/26/2016. See Exh 99-2.

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.