

Kayne Anderson MLP Investment CO
 Form 3
 September 23, 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 *			2. Date of Event Requiring Statement		3. Issuer Name and Ticker or Trading Symbol	
Â MetLife Investment Advisors Company, LLC			(Month/Day/Year)		Kayne Anderson MLP Investment CO [KYN]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer		5. If Amendment, Date Original Filed(Month/Day/Year)	
10 PARK AVENUE,Â P.O. BOX 1902			(Check all applicable)			
(Street)			___ Director		___X___ 10% Owner	
			___ Officer		___ Other	
			(give title below)		(specify below)	
MORRISTOWN,Â NJÂ 07962					6. Individual or Joint/Group Filing(Check Applicable Line)	
(City)	(State)	(Zip)			___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 <u>(1)</u>	\$ 12,000,000	D	Â
Kayne Anderson MLP Investment Company <u>(2)</u>	\$ 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)

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

