FORM N-PX

ANNUAL REPORT OF PROXY VOTING RECORD OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number <u>811-22482</u>

Nuveen Energy MLP Total Return Fund

(Exact name of registrant as specified in charter)

333 West Wacker Drive, Chicago, Illinois 60606

(Address of principal executive offices) (Zip Code)

Gifford R. Zimmerman - Chief Administrative Officer

(Name and address of agent for service)

Registrant s telephone number, including area code: 312-917-7700

Date of fiscal year-end: November 30

Date of reporting period: June 30, 2011

Item 1. Proxy Voting Record

Nuveen Energy MLP Total Return Fund

NUSTAR ENERGY LP

Ticker Symbol NS **CUSIP**

67058H102 **Meeting Date** 05-May-2011

				For/Against
Item	Proposal	Type	Vote	Management
01	Amend Stock Compensation Plan	Management	For	For
02	Ratify Appointment of Independent Auditors	Management	For	For

COPANO ENERGY, L.L.C.

CPNO **Ticker Symbol CUSIP** 217202100 **Meeting Date** 18-May-11

Item	Proposal	Туре	Vote	For/Against Management	
01	Election of Directors	Management			
	1 JAMES G. CRUMP		For	For	
	2 ERNIE L. DANNER		For	For	
	3 SCOTT A. GRIFFITHS		For	For	
	4 MICHAEL L. JOHNSON		For	For	
	5 MICHAEL G. MACDOUGALL		For	For	
	6 R. BRUCE NORTHCUTT		For	For	
	7 T. WILLIAM PORTER		For	For	
	8 WILLIAM L. THACKER		For	For	
02	Ratify Appointment of Independent Auditors	Management	For	For	
3A	Amend Stock Compensation Plan	Management	For	For	
3B	Amend Stock Compensation Plan	Management	For	For	
04	14A Executive Compensation	Management	For	For	
05	14A Executive Compensation Vote Frequency	Management	3 Years	For	
MADIZWECT ENEDGY DADTNEDG I D					

MARKWEST ENERGY PARTNERS LP

MWE **Ticker Symbol** CUSIP 570759100 **Meeting Date** 1-Jun-11

					For/Against
Item		Proposal	Туре	Vote	Management
01	Ele	ection of Directors	Management		
	1	FRANK M. SEMPLE		For	For
	2	DONALD D. WOLF		For	For
	3	KEITH E. BAILEY		For	For
	4	MICHAEL L. BEATTY		For	For
	5	CHARLES K. DEMPSTER		For	For
	6	DONALD C. HEPPERMANN		For	For
	7	WILLIAM A. KELLSTROM		For	For
	8	ANNE E. FOX MOUNSEY		For	For
	9	WILLIAM P. NICOLETTI		For	For

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02	14A Executive Compensation	Management	For	For
03	14A Executive Compensation Vote Frequency	Management	3 Years	For
04	Ratify Appointment of Independent Auditors	Management	For	For

BUCKEYE PARTNERS, L.P.

Ticker SymbolBPLCUSIP118230101Meeting Date7-Jun-11

				For/Against
Item	Proposal	Type	Vote	Management
1A	Election of Directors (Majority Voting)	Management	For	For
1B	Election of Directors (Majority Voting)	Management	For	For
1C	Election of Directors (Majority Voting)	Management	For	For
02	Ratify Appointment of Independent Auditors	Management	For	For
03	14A Executive Compensation	Management	For	For
04	14A Executive Compensation Vote Frequency	Management	3 Years	For

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SIGNATURES:

Pursuant to the requirements of the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Nuveen Energy MLP Total Return Fund

By /s/ Gifford R. Zimmerman

Gifford R. Zimmerman Chief Administrative Officer

Date

August 26, 2011