

Nuveen Energy MLP Total Return Fund (JMF)
Nuveen All Cap Energy MLP Opportunities Fund (JMLP)

Important Information Regarding Your Quarterly Distribution

August 14, 2019: This notice provides shareholders with information regarding fund distributions, as required by current securities laws. *THIS NOTICE IS FOR INFORMATIONAL PURPOSES ONLY. NO ACTION IS REQUIRED ON YOUR PART. If you would like to receive this notice and other shareholder information electronically, please visit www.investordelivery.com if you receive distributions and statements from your financial advisor or brokerage account. An electronic copy of this notice is also posted at www.nuveen.com/CEFdistributions.*

- The funds seek to establish a quarterly distribution that roughly corresponds to the net cash flow received from investments in portfolio securities.
- Cash flow received from certain investments in securities may be characterized differently for financial reporting than for tax reporting.
- The funds intend to distribute only the net cash flow received as opposed to a distribution rate based on long-term total return.
- Actual amounts and sources for tax reporting purposes will be determined as of the funds' fiscal year-end and reported to shareholders on Form 1099-DIV.

The figures in the table below attempt to provide an estimate of the sources of distributions based on net cash flows received from portfolio securities. As a result, the estimates below may include amounts attributed to realized gains and/or returns of capital. The funds attribute these estimates equally to each regular distribution throughout the fiscal year. Consequently, the estimated information shown below is for the current distribution, and also represents an updated estimate for all prior months in the fiscal year. These estimates should not be used for tax reporting purposes. The final determination for all distributions paid in 2019 will be made in early 2020 and reported to you on Form 1099-DIV. More details about the fund's distributions and the basis for these estimates are available on www.nuveen.com/CEFdistributions.

Fund	Per Share Distribution	Current Quarter Estimated Percentage of the Distribution			Fiscal YTD Estimated Per Share Amounts			
		NII (1)	Realized Gains	ROC (2)	Distributions	NII (1)	Realized Gains	ROC (2)
JMF (FYE 11/30)	\$.2500	0.00%	0.0%	100.00%	\$0.7500	\$0.0000	.0000	\$0.7500
JMLP (FYE 11/30)	\$.1875	0.00%	0.0%	100.00%	\$0.5625	\$0.0000	.0000	\$0.5625

(1) NII is Net Investment Income. The funds may have current fiscal year earnings and profits, and if so, a portion or all of the distributions may be treated as ordinary dividend income.
(2) ROC is Return of Capital, and may represent unrealized gains, return of shareholders' principal, or both.

The following table provides information regarding fund distributions and total return performance over various time periods. This information is intended to help you better understand whether fund returns for the specified time periods were sufficient to meet fund distributions.

Data as of July 31, 2019							
Fund	Inception Date	Quarterly Per Share Distribution	Annualized			Cumulative	
			Current Distribution on NAV	1-Year Return on NAV	Since Inception Return on NAV	Calendar YTD Distributions on NAV	Calendar YTD Return on NAV
JMF (FYE 11/30)	2/24/2011	\$.2500	10.52%	-10.36%	0.26%	7.89%	14.50%
JMLP (FYE 11/30)	3/26/2014	\$.1875	10.89%	-9.26%	-7.95%	8.16%	24.50%