

NTG
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NYSE

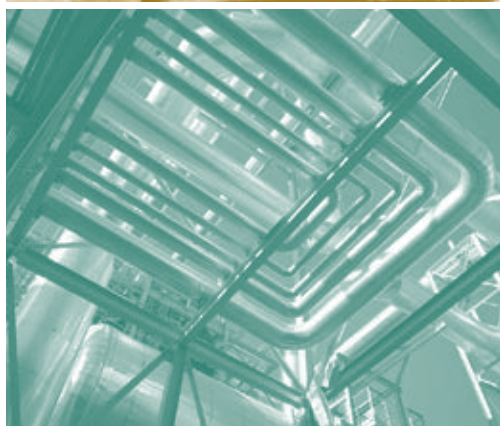


Tortoise MLP Fund, Inc.

Yield

Growth

Quality



2013 Annual Report

November 30, 2013

...Steady Wins®

COMPANY AT A GLANCE

Tortoise MLP Fund, Inc. (NYSE: NTG) offers a closed-end fund strategy of investing in energy infrastructure MLPs and their affiliates, with an emphasis on natural gas infrastructure MLPs.

Investment Focus

NTG seeks to provide stockholders with a high level of total return with an emphasis on current distributions. The fund focuses primarily on “midstream” energy infrastructure MLPs that engage in the business of transporting, gathering and processing and storing natural gas and natural gas liquids (NGLs).

Under normal circumstances, we invest at least 80 percent of NTG’s total assets in MLP equity securities with at least 70 percent of total assets in natural gas infrastructure MLP equity securities. Of the total assets in the fund, we may invest as much as 50 percent in restricted securities, primarily through direct investments in securities of listed companies. We do not invest in privately held companies and limit our investment in any one security to 10 percent.

About Energy Infrastructure Master Limited Partnerships

MLPs are limited partnerships whose units trade on public exchanges such as the New York Stock Exchange (NYSE), the NYSE Alternext US and NASDAQ. Buying MLP units makes an investor a limited partner in the MLP. There are currently more than 100 MLPs in the market in industries related to energy and natural resources.

We primarily invest in MLPs and their affiliates in the energy infrastructure sector, with an emphasis on natural gas infrastructure MLPs. Energy infrastructure MLPs are engaged in the transportation, storage and processing of crude oil, natural gas and refined products from production points to the end users. Natural gas infrastructure MLPs are companies in which over 50 percent of their revenue, cash flow or assets are related to the operation of natural gas or NGL infrastructure assets. Our investments are primarily in midstream (mostly pipeline) operations, which typically produce steady cash flows with less exposure to commodity prices than many alternative investments in the broader energy industry. With the growth potential of this sector, along with our disciplined investment approach, we endeavor to generate a predictable and increasing distribution stream for our investors.

An NTG Investment Versus a Direct Investment in MLPs

We provide our stockholders an alternative to investing directly in MLPs and their affiliates. A direct MLP investment potentially offers an attractive distribution with a significant portion treated as return of capital, and a historically low correlation to returns on stocks and bonds. However, the tax characteristics of a direct MLP investment are generally undesirable for tax-exempt investors such as retirement plans. We are structured as a C Corporation – accruing federal and state income taxes based on taxable earnings and profits. Because of this innovative structure, pioneered by Tortoise Capital Advisors, institutions and retirement accounts are able to join individual stockholders as investors in MLPs.

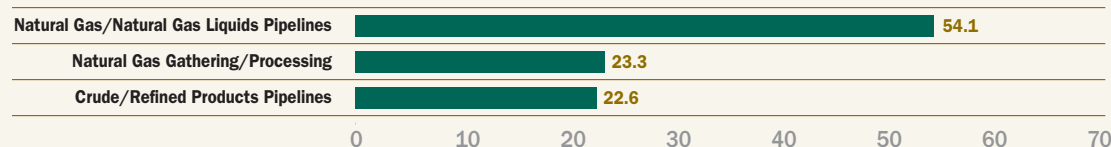
Additional features include:

- The opportunity for tax deferred distributions and distribution growth;
- Simplified tax reporting (investors receive a single 1099) compared to directly owning MLP units;
- Appropriate for retirement and other tax exempt accounts;
- Potential diversification of overall investment portfolio; and
- Professional securities selection and active management by an experienced adviser.

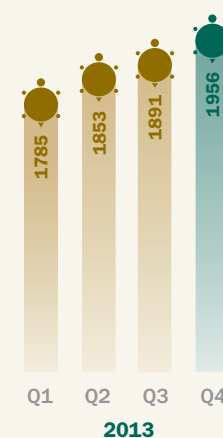
Allocation of Portfolio Assets

November 30, 2013 (Unaudited)

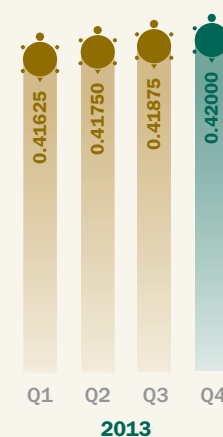
(Percentages based on total investment portfolio)



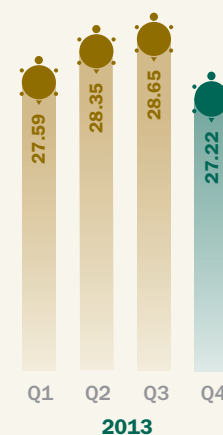
Total Assets
(dollars in millions)



Common Distributions
(in dollars)



Closing Stock Price
(in dollars)



December 31, 2013

DEAR FELLOW STOCKHOLDERS,

The fiscal year ending Nov. 30, 2013 was a solid one for natural gas infrastructure MLPs, which continued to benefit from natural gas production that is driving substantial energy infrastructure build-out needs, particularly in the Northeast. MLPs' performance during the year was again reflective of the strength of their underlying fundamentals.

Despite some periods of volatility, the broad equity market also enjoyed a positive year, supported by continued low interest rates, strengthening corporate balance sheets and improvements in employment and manufacturing. The year also presented some macroeconomic challenges, chief among them geopolitical tension at times in the Middle East and continued partisan gridlock in Washington that resulted in a partial shutdown of the government in the final fiscal quarter of the year. Despite these transitory headwinds, investors remained upbeat about the domestic energy renewal underway in North America, where increasing production requires additional pipeline infrastructure to connect the growing volumes of newly discovered gas and oil from production areas to end users.

Master Limited Partnership Sector Review and Outlook

The Tortoise MLP Index[®] posted a strong 24.1 percent total return for the fiscal year ending Nov. 30, 2013, but nonetheless trailed the broader market as represented by the S&P 500 Index[®], which posted a 30.3 percent total return for the same period. MLPs enjoyed generally upward momentum during the fiscal year, although performance slowed a bit in the third quarter in response to the looming government shutdown and interest rate uncertainty. However, those concerns abated as the fiscal year wound to a close, with both equities and MLPs ending the year solidly in positive territory. During the fiscal year, midstream MLPs significantly outperformed upstream MLPs, as reflected by the Tortoise Midstream MLP Index's 27.2 percent gain relative to the Tortoise Upstream MLP Index's 2.2 percent total return. Some upstream MLPs continued to battle significant market and regulatory headwinds from concerns around accounting for hedging and maintenance capital spending, which ultimately restrained their performance.

North America's natural gas supply is so abundant that it effectively has eliminated U.S. dependency on foreign gas imports and also made it one of the world's leading producers of this valuable resource.¹ It is estimated that U.S. natural gas production will reach nearly 74 billion cubic feet per day by the end of this decade, an increase of 50 percent since 2005.² Importantly, North America's prolific natural gas production has resulted in stable and globally competitive prices for natural gas and associated liquids. This dynamic, along with labor market stability, is expected to

drive an increased use in natural gas from a myriad of sources, including power generation and a renaissance in U.S. manufacturing. As demand increases, it's anticipated that global demand for liquefied natural gas (LNG) exports also will expand due to its relatively low domestic cost compared to other places in the world. All of this bodes well for the midstream sector of the energy value chain. The Marcellus shale in the Northeastern part of the U.S. is an area where natural gas pipeline and related infrastructure needs are particularly critical due to rapidly increasing supply.

Capital markets continued to underpin sector strength, with MLPs raising nearly \$73 billion in equity and debt offerings during the fiscal year, surpassing the total for 2012. There were 18 MLP IPOs in fiscal 2013, six of them occurring in the fourth quarter, bringing the total for the year to approximately \$4.6 billion. Merger and acquisition (M&A) activity has also been healthy; approximately \$59 billion in MLP transactions were announced during the fiscal year, also surpassing 2012 totals. The largest announced transactions during the year included Spectra Energy's drop-down of its U.S. midstream assets to its MLP in a deal valued at \$12.3 billion, Regency Energy Partners' plans to acquire PVR Partners, a natural gas midstream pipeline MLP, for \$5.6 billion, and Kinder Morgan Energy Partners' \$5 billion acquisition of Copano Energy, L.L.C., a gathering and processing MLP.

Fund Performance Review

The fund's total assets increased from approximately \$1.6 billion on Nov. 30, 2012 to \$2.0 billion on Nov. 30, 2013, primarily from net realized and unrealized gains on investments as well as approximately \$15 million in new equity and leverage proceeds. The fund's 2013 fiscal year market-based total return was 16.3 percent and its NAV-based total return was 21.6 percent (both including the reinvestment of distributions). The difference between the market value total return and the NAV total return reflected the change from a premium of the fund's stock price relative to its NAV to a slight discount over the year.

Robust upstream production of natural gas and natural gas liquids continued to drive pipeline infrastructure build-out, which benefited the fund on several fronts. Natural gas infrastructure MLPs, an integral part of the fund's investment strategy, provided the greatest source of absolute asset performance during the fiscal year. Although they contributed positively, they underperformed the broader MLP index during the year due to a lower relative short-term growth outlook and some recontracting headwinds. We continue to believe in the fund's differentiated strategic focus on natural gas infrastructure MLPs and their longer-term

opportunity particularly tied to the long-term demand potential discussed above. Gathering and processing MLPs, whose performance was impacted by both solid fee-based growth profiles as well as demand for and production of natural gas liquids, also added meaningfully to results. The fund's stake in crude oil/refined products pipeline MLPs was also helpful in absolute terms. Additionally, the fund's lack of exposure to exploration and production MLPs proved beneficial.

The fund paid a distribution of \$0.42 per common share (\$1.68 annualized) to stockholders on Nov. 29, 2013, an increase of 0.3 percent quarter over quarter and of 1.2 percent year over year. This distribution represented an annualized distribution rate of 6.2 percent based on the fund's fiscal year closing price of \$27.22 per share. The distribution payout coverage (distributable cash flow divided by distributions) for the fiscal year was 103.5 percent, reflective of our emphasis on sustainability. For tax purposes, distributions to stockholders for 2013 were 95 percent return of capital and 5 percent qualified dividend income.

The fund ended the fiscal year with leverage (including bank debt, senior notes and preferred stock) at 19.0 percent of total assets. Additional information about the fund's financial performance, distributions and leverage is available in the Key Financial Data and Management's Discussion sections of this report.

In Remembrance

We are deeply saddened by the recent loss of our founding board member, Dr. John R. Graham, who died on Dec. 20, 2013 after a courageous battle with cancer. John leaves a lasting legacy of being a diligent board member who cared passionately about the investors he represented. During his decade of service, John played an integral role in creating a high standard of governance as the nominating and governance committee chair for the fund. As importantly, John was a respectful, humble person who enriched the lives of those who knew him. We are extremely grateful for his service. He will be missed.

Sincerely,

The Managing Directors
Tortoise Capital Advisors, L.L.C.
The adviser to Tortoise MLP Fund, Inc.



P. Bradley Adams



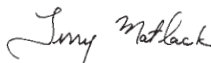
H. Kevin Birzer



Zachary A. Hamel



Kenneth P. Malvey



Terry Matlack



David J. Schulte

¹ Energy Information Administration, 2013

² CITI, 2013

The Tortoise MLP Index[®] is a float-adjusted, capitalization-weighted index of energy master limited partnerships (MLPs). The Tortoise Midstream MLP Index, a sub-index of the Tortoise MLP Index[®], is comprised of all constituents included in the following sub sectors: Crude Oil Pipelines, Gathering & Processing, Natural Gas Pipelines and Refined Products Pipelines. The Tortoise Upstream MLP Index is comprised of all constituents included in the Tortoise MLP Index's Coal and Oil & Gas Production sub sector indices. The S&P 500 Index[®] is a unmanaged market-value-weighted index of stocks, which is widely regarded as the standard for measuring large-cap U.S. stock market performance.

(Unaudited)

KEY FINANCIAL DATA *(Supplemental Unaudited Information)*

(dollar amounts in thousands unless otherwise indicated)

The information presented below regarding Distributable Cash Flow and Selected Financial Information is supplemental non-GAAP financial information, which we believe is meaningful to understanding our operating performance. The Distributable Cash Flow Ratios include the functional equivalent of EBITDA for non-investment companies, and we believe they are an important supplemental measure of performance and promote comparisons from period-to-period. This information is supplemental, is not inclusive of required financial disclosures (e.g. Total Expense Ratio), and should be read in conjunction with our full financial statements.

	Year Ended November 30,		2012		2013		
	2012	2013	Q4 ⁽¹⁾	Q1 ⁽¹⁾	Q2 ⁽¹⁾	Q3 ⁽¹⁾	Q4 ⁽¹⁾
Total Income from Investments							
Distributions received from master limited partnerships	\$ 97,092	\$104,394	\$24,580	\$24,787	\$26,111	\$26,099	\$27,397
Dividends paid in stock	7,062	5,617	1,875	1,936	1,187	1,224	1,270
Other income	—	359	—	—	—	—	359
Total from investments	104,154	110,370	26,455	26,723	27,298	27,323	29,026
Operating Expenses Before Leverage Costs and Current Taxes							
Advisory fees, net of fees waived	12,236	14,656	3,044	3,236	3,753	3,860	3,807
Other operating expenses	1,128	1,287	278	327	324	321	315
	13,364	15,943	3,322	3,563	4,077	4,181	4,122
Distributable cash flow before leverage costs and current taxes	90,790	94,427	23,133	23,160	23,221	23,142	24,904
Leverage costs ⁽²⁾	13,571	13,333	3,378	3,352	3,343	3,316	3,322
Current income tax expense ⁽³⁾	—	—	—	—	—	—	—
Distributable Cash Flow⁽⁴⁾	\$ 77,219	\$ 81,094	\$19,755	\$19,808	\$19,878	\$19,826	\$21,582
As a percent of average total assets⁽⁵⁾							
Total from investments	6.33%	5.96%	6.45%	6.39%	5.83%	5.66%	6.02%
Operating expenses before leverage costs and current taxes	0.81%	0.86%	0.81%	0.85%	0.87%	0.87%	0.86%
Distributable cash flow before leverage costs and current taxes	5.52%	5.10%	5.64%	5.54%	4.96%	4.79%	5.16%
As a percent of average net assets⁽⁵⁾							
Total from investments	9.00%	8.66%	9.23%	9.19%	8.39%	8.21%	8.91%
Operating expenses before leverage costs and current taxes	1.15%	1.25%	1.16%	1.23%	1.25%	1.26%	1.27%
Leverage costs and current taxes	1.17%	1.05%	1.18%	1.15%	1.03%	1.00%	1.02%
Distributable cash flow	6.68%	6.36%	6.89%	6.81%	6.11%	5.95%	6.62%
Selected Financial Information							
Distributions paid on common stock	\$ 76,404	\$ 78,346	\$19,287	\$19,404	\$19,549	\$19,653	\$19,740
Distributions paid on common stock per share	1.6550	1.6725	0.41500	0.41625	0.41750	0.41875	0.42000
Distribution coverage percentage for period ⁽⁶⁾	101.1%	103.5%	102.4%	102.1%	101.7%	100.9%	109.3%
Net realized gain, net of income taxes, for the period	21,015	37,812	19,399	15,101	9,232	5,325	8,154
Total assets, end of period	1,633,815	1,956,493	1,633,815	1,785,448	1,853,489	1,891,133	1,956,493
Average total assets during period ⁽⁷⁾	1,644,445	1,852,919	1,649,297	1,697,239	1,858,008	1,914,383	1,933,455
Leverage ⁽⁸⁾	368,900	372,200	368,900	345,000	345,000	345,000	372,200
Leverage as a percent of total assets	22.6%	19.0%	22.6%	19.3%	18.6%	18.2%	19.0%
Net unrealized appreciation, end of period	193,475	416,628	193,475	288,835	340,955	374,919	416,628
Net assets, end of period	1,140,635	1,315,866	1,140,635	1,229,367	1,270,264	1,287,655	1,315,866
Average net assets during period ⁽⁹⁾	1,157,421	1,274,638	1,152,970	1,178,669	1,290,683	1,320,738	1,306,726
Net asset value per common share	24.50	28.00	24.50	26.37	27.11	27.44	28.00
Market value per common share	24.91	27.22	24.91	27.59	28.35	28.65	27.22
Shares outstanding ('000's)	46,560	47,000	46,560	46,617	46,861	46,932	47,000

(1) Q1 is the period from December through February. Q2 is the period from March through May. Q3 is the period from June through August. Q4 is the period from September through November.

(2) Leverage costs include interest expense, distributions to preferred stockholders and other recurring leverage expenses.

(3) Includes taxes paid on net investment income and foreign taxes, if any. Taxes related to realized gains are excluded from the calculation of Distributable Cash Flow ("DCF").

(4) "Net investment loss, before income taxes" on the Statement of Operations is adjusted as follows to reconcile to DCF: increased by the return of capital on MLP distributions, the value

of paid-in-kind distributions and amortization of debt issuance costs; and decreased by current taxes paid on net investment income.

(5) Annualized for periods less than one full year.

(6) Distributable Cash Flow divided by distributions paid.

(7) Computed by averaging month-end values within each period.

(8) Leverage consists of long-term debt obligations, preferred stock and short-term borrowings.

(9) Computed by averaging daily net assets within each period.

MANAGEMENT'S DISCUSSION *(Unaudited)*

The information contained in this section should be read in conjunction with our Financial Statements and the Notes thereto. In addition, this report contains certain forward-looking statements. These statements include the plans and objectives of management for future operations and financial objectives and can be identified by the use of forward-looking terminology such as "may," "will," "expect," "intend," "anticipate," "estimate," or "continue" or the negative thereof or other variations thereon or comparable terminology. These forward-looking statements are subject to the inherent uncertainties in predicting future results and conditions. Certain factors that could cause actual results and conditions to differ materially from those projected in these forward-looking statements are set forth in the "Risk Factors" section of our public filings with the SEC.

Overview

Tortoise MLP Fund, Inc.'s ("NTG") primary investment objective is to provide a high level of total return with an emphasis on current distributions paid to stockholders. We seek to provide our stockholders with an efficient vehicle to invest in a portfolio consisting primarily of energy infrastructure master limited partnerships ("MLPs") and their affiliates, with an emphasis on natural gas infrastructure. Energy infrastructure MLPs own and operate a network of pipeline and energy-related logistical assets that transport, store, gather and process natural gas, natural gas liquids ("NGLs"), crude oil, refined petroleum products, and other resources or distribute, market, explore, develop or produce such commodities. Natural gas infrastructure MLPs are defined as companies engaged in such activities with over 50 percent of their revenue, cash flow or assets related to natural gas or NGL infrastructure assets.

While we are a registered investment company under the Investment Company Act of 1940, as amended (the "1940 Act"), we are not a "regulated investment company" for federal tax purposes. Our distributions do not generate unrelated business taxable income ("UBTI") and our stock may therefore be suitable for holding by pension funds, IRAs and mutual funds, as well as taxable accounts. We invest primarily in MLPs through private and public market purchases. MLPs are publicly traded partnerships whose equity interests are traded in the form of units on public exchanges, such as the NYSE or NASDAQ. Tortoise Capital Advisors, L.L.C. serves as our investment adviser.

Company Update

Total assets increased approximately \$65 million during the 4th quarter, primarily as a result of higher market values of our MLP investments and increased leverage utilization. Distribution increases from our MLP investments were in-line with our expectations and asset-based expenses decreased from the previous quarter. Total leverage as a percent of total assets increased and we increased our quarterly distribution to \$0.42 per share. Additional information on these events and results of our operations are discussed in more detail below.

Critical Accounting Policies

The financial statements are based on the selection and application of critical accounting policies, which require management to make significant estimates

and assumptions. Critical accounting policies are those that are both important to the presentation of our financial condition and results of operations and require management's most difficult, complex, or subjective judgments. Our critical accounting policies are those applicable to the valuation of investments and certain revenue recognition matters as discussed in Note 2 in the Notes to Financial Statements.

Determining Distributions to Stockholders

Our portfolio generates cash flow from which we pay distributions to stockholders. Our Board of Directors has adopted a policy of declaring what it believes to be sustainable distributions. In determining distributions, our Board of Directors considers a number of current and anticipated factors, including, among others, distributable cash flow ("DCF"), realized and unrealized gains, leverage amounts and rates, current and deferred taxes payable, and potential volatility in returns from our investments and the overall market. While the Board considers many factors in determining distributions to stockholders, particular emphasis is given to DCF and distribution coverage. Distribution coverage is DCF divided by distributions paid to stockholders and is discussed in more detail below. Over the long-term, we expect to distribute substantially all of our DCF to holders of common stock. Our Board of Directors reviews the distribution rate quarterly and may adjust the quarterly distribution throughout the year.

Determining DCF

DCF is distributions received from investments, less expenses. The total distributions received from our investments include the amount we receive as cash distributions from MLPs, paid-in-kind distributions, and dividend and interest payments. The total expenses include current or anticipated operating expenses, leverage costs and current income taxes. Current income taxes include taxes paid on our net investment income in addition to foreign taxes, if any. Taxes incurred from realized gains on the sale of investments, expected tax benefits and deferred taxes are not included in DCF.

The Key Financial Data table discloses the calculation of DCF and should be read in conjunction with this discussion. The difference between distributions received from investments in the DCF calculation and total investment income as reported in the Statement of Operations, is reconciled as follows: the Statement of Operations, in conformity with U.S. generally accepted accounting principles ("GAAP"), recognizes distribution income from MLPs and common stock on their ex-dates, whereas the DCF calculation may reflect distribution income on their pay dates; GAAP recognizes that a significant portion of the cash distributions received from MLPs are characterized as a return of capital and therefore excluded from investment income, whereas the DCF calculation includes the return of capital; and distributions received from investments in the DCF calculation include the value of dividends paid-in-kind (additional stock or MLP units), whereas such amounts are not included as income for GAAP purposes, and includes distributions related to direct investments when the purchase price is reduced in lieu of receiving cash distributions. The treatment of expenses in the DCF calculation also differs from what is reported in the Statement of Operations.

MANAGEMENT'S DISCUSSION *(Unaudited)*

(Continued)

In addition to the total operating expenses, including fee waiver, as disclosed in the Statement of Operations, the DCF calculation reflects interest expense, distributions to preferred stockholders, other recurring leverage expenses, as well as taxes paid on net investment income. A reconciliation of Net Investment Loss, before Income Taxes to DCF is included below.

Distributions Received from Investments

Our ability to generate cash is dependent on the ability of our portfolio of investments to generate cash flow from their operations. In order to maintain and grow distributions to our stockholders, we evaluate each holding based upon its contribution to our investment income, our expectation for its growth rate, and its risk relative to other potential investments.

We concentrate on MLPs we believe can expect an increasing demand for services from economic and population growth. We seek well-managed businesses with hard assets and stable recurring revenue streams. Our focus remains primarily on investing in fee-based service providers that operate long-haul, interstate pipelines. We further diversify among issuers, geographies and energy commodities to seek a distribution payment which approximates an investment directly in energy infrastructure MLPs. In addition, many crude/refined products and natural gas liquids pipeline companies are regulated and currently benefit from a tariff inflation escalation index of PPI + 2.65 percent. Over the long-term, we believe MLPs' distributions will outpace inflation and interest rate increases, and produce positive real returns.

Total distributions received from our investments for the 4th quarter 2013 were approximately \$29.0 million, representing an increase of 9.7 percent as compared to 4th quarter 2012 and an increase of 6.2 percent as compared to 3rd quarter 2013. On an annualized basis, total distributions for the quarter equate to 6.02 percent of our average total assets for the quarter. These changes reflect increases in per share distribution rates on our MLP investments and the impact of various portfolio trading activity. These changes also reflect the receipt of non-recurring distributions and other income in 4th quarter 2013 of approximately \$1.2 million.

Expenses

We incur two types of expenses: (1) operating expenses, consisting primarily of the advisory fee, and (2) leverage costs. On a percentage basis, operating expenses before leverage costs were an annualized 0.86 percent of average total assets for the 4th quarter 2013, a decrease of 0.01 percent as compared to the 3rd quarter 2013 and an increase of 0.05 percent as compared to 4th quarter 2012. While the contractual advisory fee is 0.95 percent of average monthly managed assets, the Adviser waived an amount equal to 0.20 percent of average monthly managed assets from July 28, 2011 through December 31, 2012 and has agreed to waive an amount equal to 0.15 percent of average monthly managed assets through December 31, 2013, with further reductions in the fee waiver of 0.05 percent of average managed assets per calendar year through 2015.

Leverage costs consist of two major components: (1) the direct interest expense on our senior notes and short-term credit facility, and (2) distributions to preferred stockholders. Other leverage expenses include rating agency fees and commitment fees. Total leverage costs for DCF purposes were approximately \$3.3 million for the 4th quarter 2013, a slight increase as compared to the 3rd quarter 2013.

The weighted average annual rate of our leverage at November 30, 2013 was 3.57 percent including balances on our bank credit facility which accrue interest at a variable rate equal to one-month LIBOR plus 1.125 percent. Our weighted average rate may vary in future periods as a result of changes in LIBOR, the utilization of our credit facility, and as our leverage matures or is redeemed. Additional information on our leverage is included in the Liquidity and Capital Resources discussion below.

Distributable Cash Flow

For 4th quarter 2013, our DCF was approximately \$21.6 million, an increase of 9.2 percent as compared to 4th quarter 2012 and an increase of 8.9 percent as compared to 3rd quarter 2013. The changes are the net result of changes in distributions and expenses as outlined above. We declared a distribution of \$19.7 million, or \$0.42 per share, during the quarter. This represents an increase of \$0.005 per share as compared to 4th quarter 2012 and an increase of \$0.00125 from 3rd quarter 2013.

Our distribution coverage ratio was 109.3 percent for 4th quarter 2013. Excluding non-recurring income received during 4th quarter 2013, our coverage ratio was 103.2 percent, an increase in the coverage ratio of 0.8 percent as compared to 4th quarter 2012 and an increase of 2.3 percent as compared to 3rd quarter 2013. Our goal is to pay what we believe to be sustainable distributions with any increases safely covered by earned DCF. A distribution coverage ratio of greater than 100 percent provides flexibility for on-going management of the portfolio, changes in leverage costs, the impact of taxes from realized gains and other expenses. An on-going distribution coverage ratio of less than 100 percent will, over time, erode the earning power of a portfolio and may lead to lower distributions. We expect to allocate a portion of the projected future growth in DCF to increase distributions to stockholders while also continuing to build critical distribution coverage to help preserve the sustainability of distributions to stockholders for the years ahead.

Net investment loss before income taxes on the Statement of Operations is adjusted as follows to reconcile to DCF for 2013 YTD and 4th quarter 2013 (in thousands):

	2013 YTD	4th Qtr 2013
Net Investment Loss, before Income Taxes	\$(28,463)	\$ (5,366)
Adjustments to reconcile to DCF:		
Dividends paid in stock	5,617	1,270
Distributions characterized as return of capital	103,556	25,583
Amortization of debt issuance costs	384	95
DCF	<u>\$ 81,094</u>	<u>\$ 21,582</u>

MANAGEMENT'S DISCUSSION *(Unaudited)*

(Continued)

Liquidity and Capital Resources

We had total assets of \$1.956 billion at year-end. Our total assets reflect the value of our investments, which are itemized in the Schedule of Investments. It also reflects cash, interest and dividends receivable and any expenses that may have been prepaid. During 4th quarter 2013, total assets increased by approximately \$65 million. This change was primarily the result of a \$53.2 million increase in the value of our investments as reflected by the change in net realized and unrealized gains on investments (excluding return of capital on distributions) and increased leverage utilization during the quarter.

Total leverage outstanding at November 30, 2013 was \$372.2 million, an increase of \$27.2 million as compared to August 31, 2013. On an adjusted basis to reflect the payment of the 3rd quarter distribution at the beginning of the 4th quarter, total leverage increased approximately \$9.4 million. Outstanding leverage is comprised of \$255 million in senior notes, \$90 million in preferred shares and \$27.2 million outstanding under the credit facility, with 81.9 percent of leverage with fixed rates and a weighted average maturity of 4.0 years. Total leverage represented 19.0 percent of total assets at November 30, 2013, as compared to 18.2 percent as of August 31, 2013 and 22.6 percent as of November 30, 2012. Our leverage as a percent of total assets remains below our long-term target level of 25 percent, allowing the opportunity to add leverage when compelling investment opportunities arise. Temporary increases to up to 30 percent of our total assets may be permitted, provided that such leverage is consistent with the limits set forth in the 1940 Act, and that such leverage is expected to be reduced over time in an orderly fashion to reach our long-term target. Our leverage ratio is impacted by increases or decreases in MLP values, issuance of equity and/or the sale of securities where proceeds are used to reduce leverage.

Our longer-term leverage (excluding our bank credit facility) of \$345 million is comprised of 74 percent private placement debt and 26 percent private placement preferred equity with a weighted average rate of 3.73 percent and remaining weighted average laddered maturity of approximately 4.3 years.

Subsequent to year-end, we entered into amendments to our credit facility to increase the borrowing capacity under the facility from \$60 million to \$107 million. Other terms of the credit facility were unchanged.

We use leverage to acquire MLPs consistent with our investment philosophy. The terms of our leverage are governed by regulatory and contractual asset coverage requirements that arise from the use of leverage. Additional information on our leverage and asset coverage requirements is discussed in Notes 8, 9 and 10 in the Notes to Financial Statements. Our coverage ratios are updated each week on our Web site at www.tortoiseadvisors.com.

Taxation of our Distributions and Income Taxes

We invest in partnerships that generally have cash distributions in excess of their income for accounting and tax purposes. Accordingly, the distributions include a return of capital component for accounting and tax purposes. Distributions

declared and paid by us in a year generally differ from taxable income for that year, as such distributions may include the distribution of current year taxable income or return of capital.

The taxability of the distribution you receive depends on whether we have annual earnings and profits ("E&P"). E&P is primarily comprised of the taxable income from MLPs with certain specified adjustments as reported on annual K-1s, fund operating expenses and net realized gains. If we have E&P, it is first allocated to the preferred shares and then to the common shares.

In the event we have E&P allocated to our common shares, all or a portion of our distribution will be taxable at the Qualified Dividend Income ("QDI") rate, assuming various holding requirements are met by the stockholder. The QDI rate is variable based on the taxpayer's taxable income. The portion of our distribution that is taxable may vary for either of two reasons. First, the characterization of the distributions we receive from MLPs could change annually based upon the K-1 allocations and result in less return of capital and more in the form of income. Second, we could sell an MLP investment and realize a gain or loss at any time. It is for these reasons that we inform you of the tax treatment after the close of each year as the ultimate characterization of our distributions is undeterminable until the year is over.

For tax purposes, distributions to common stockholders for the year ended 2013 were approximately 5 percent qualified dividend income and 95 percent return of capital. A holder of our common stock would reduce their cost basis for income tax purposes by the amount designated as return of capital. This information is reported to stockholders on Form 1099-DIV and is available on our Web site at www.tortoiseadvisors.com. For book purposes, the source of distributions to common stockholders for the year ended 2013 was 100 percent return of capital.

As of November 30, 2013, we had approximately \$188 million in net operating losses. To the extent we have taxable income in the future that is not offset by net operating losses, we will owe federal and state income taxes. Tax payments can be funded from investment earnings, fund assets or borrowings. Details of our taxes are disclosed in Note 5 in our Notes to Financial Statements.

The unrealized gain or loss we have in the portfolio is reflected in the Statement of Assets and Liabilities. At November 30, 2013, our investments are valued at approximately \$1.954 billion, with an adjusted cost of \$1.298 billion. The \$656 million difference reflects unrealized gain that would be realized for financial statement purposes if those investments were sold at those values. The Statement of Assets and Liabilities also reflects a net deferred tax liability primarily due to unrealized gains (losses) on investments. At November 30, 2013, the balance sheet reflects a net deferred tax liability of approximately \$260 million or \$5.53 per share. Accordingly, our net asset value per share represents the amount which would be available for distribution to stockholders after payment of taxes.

SCHEDULE OF INVESTMENTS

November 30, 2013

	Shares	Fair Value		Shares	Fair Value
Master Limited Partnerships and Related Companies — 147.8%⁽¹⁾			Crude/Refined Products Pipelines — 32.9%⁽¹⁾		
Natural Gas/Natural Gas Liquids Pipelines — 80.3%⁽¹⁾			United States — 32.9%⁽¹⁾		
United States — 80.3%⁽¹⁾			Buckeye Partners, L.P.		
Boardwalk Pipeline Partners, LP	2,777,645	\$ 73,163,169		1,111,600	\$ 75,688,844
El Paso Pipeline Partners, L.P.	3,032,500	126,091,350		1,438,700	43,290,483
Energy Transfer Partners, L.P.	2,893,600	156,717,376		1,144,672	35,999,934
Enterprise Products Partners L.P.	2,156,400	135,788,508		938,300	58,305,962
EQT Midstream Partners, L.P.	490,271	26,960,002		MPLX LP	18,922,082
Kinder Morgan Energy Partners, L.P.	607,600	49,804,972		NuStar Energy L.P.	38,001,205
Kinder Morgan Management, LLC ⁽²⁾	957,680	73,329,576		Phillips 66 Partners LP	9,934,704
ONEOK Partners, L.P.	1,420,300	76,071,268		Plains All American Pipeline, L.P.	86,993,433
Regency Energy Partners LP	3,787,200	92,331,936		Rose Rock Midstream Partners, L.P.	4,915,302
Spectra Energy Partners, LP	3,358,800	151,011,648		Sunoco Logistics Partners L.P.	40,981,620
TC PipeLines, LP	145,948	7,151,452		Tesoro Logistics LP	19,772,250
Williams Partners L.P.	1,732,600	89,038,314			<u>432,805,819</u>
		<u>1,057,459,571</u>		Total Master Limited Partnerships and Related Companies (Cost \$1,289,185,238)	<u>1,945,358,038</u>
Natural Gas Gathering/Processing — 34.6%⁽¹⁾			Common Stock — 0.7%⁽¹⁾		
United States — 34.6%⁽¹⁾			Crude/Refined Products Pipelines — 0.7%⁽¹⁾		
Access Midstream Partners, L.P.	1,707,500	95,910,275	United States — 0.7%⁽¹⁾		
Crestwood Midstream Partners LP	2,396,515	54,257,100	Plains GP Holdings, L.P. (Cost \$8,372,584)		
Crosstex Energy, L.P.	1,003,505	26,733,373	380,572	8,943,442	
DCP Midstream Partners, LP	1,283,459	61,837,055	Short-Term Investment — 0.0%⁽¹⁾		
MarkWest Energy Partners, L.P.	992,600	68,558,882	United States Investment Company — 0.0%⁽¹⁾		
Summit Midstream Partners, LP	330,500	11,098,190	Fidelity Institutional Money Market Portfolio — Class I, 0.05% ⁽³⁾ (Cost \$78,910)		
Targa Resources Partners LP	1,224,600	62,515,830	78,910	78,910	
Western Gas Equity Partners, LP	189,400	8,182,080	Total Investments — 148.5%⁽¹⁾		
Western Gas Partners LP	1,036,430	65,999,863	(Cost \$1,297,636,732)		
		<u>455,092,648</u>	Other Assets and Liabilities — (22.3%)⁽¹⁾		
			Long-Term Debt Obligations — (19.4%)⁽¹⁾		
			Mandatory Redeemable Preferred Stock at Liquidation Value — (6.8%)⁽¹⁾		
			Total Net Assets Applicable to Common Stockholders — 100.0%⁽¹⁾		
			<u>\$1,315,865,714</u>		

(1) Calculated as a percentage of net assets applicable to common stockholders.

(2) Security distributions are paid-in-kind.

(3) Rate indicated is the current yield as of November 30, 2013.

See accompanying Notes to Financial Statements.

STATEMENT OF ASSETS & LIABILITIES

November 30, 2013

Assets	
Investments at fair value (cost \$1,297,636,732)	\$ 1,954,380,390
Receivable for Adviser fee waiver	489,370
Prepaid expenses and other assets	1,622,824
Total assets	<u>1,956,492,584</u>
Liabilities	
Payable to Adviser	3,062,687
Payable for investments purchased	621,075
Distribution payable to common stockholders	1,767,396
Accrued expenses and other liabilities	2,965,075
Deferred tax liability	260,010,637
Short-term borrowings	27,200,000
Long-term debt obligations	255,000,000
Mandatory redeemable preferred stock (\$25.00 liquidation value per share; 3,600,000 shares outstanding)	90,000,000
Total liabilities	<u>640,626,870</u>
Net assets applicable to common stockholders	<u>\$ 1,315,865,714</u>
Net Assets Applicable to Common Stockholders Consist of:	
Capital stock, \$0.001 par value; 47,000,211 shares issued and outstanding (100,000,000 shares authorized)	\$ 47,000
Additional paid-in capital	876,856,485
Accumulated net investment loss, net of income taxes	(55,531,680)
Undistributed realized gain, net of income taxes	77,865,553
Net unrealized appreciation of investments, net of income taxes	416,628,356
Net assets applicable to common stockholders	<u>\$ 1,315,865,714</u>
Net Asset Value per common share outstanding (net assets applicable to common stock, divided by common shares outstanding)	<u>\$ 28.00</u>

STATEMENT OF OPERATIONS

Year Ended November 30, 2013

Investment Income	
Distributions from master limited partnerships	\$ 104,393,933
Less return of capital on distributions	(103,555,607)
Net distributions from master limited partnerships	838,326
Dividends from money market mutual funds	388
Other income	358,659
Total Investment Income	<u>1,197,373</u>
Operating Expenses	
Advisory fees	17,541,717
Administrator fees	467,300
Professional fees	179,369
Stockholder communication expenses	163,938
Directors' fees	128,944
Fund accounting fees	87,088
Custodian fees and expenses	78,832
Registration fees	43,166
Franchise fees	20,250
Stock transfer agent fees	11,363
Other operating expenses	106,840
Total Operating Expenses	<u>18,828,807</u>
Leverage Expenses	
Interest expense	9,507,930
Distributions to mandatory redeemable preferred stockholders	3,737,001
Amortization of debt issuance costs	384,495
Other leverage expenses	87,930
Total Leverage Expenses	<u>13,717,356</u>
Total Expenses	
Less fees waived by Adviser	(2,885,680)
Net Expenses	<u>29,660,483</u>
Net Investment Loss, before Income Taxes	<u>(28,463,110)</u>
Deferred tax benefit	8,973,076
Net Investment Loss	<u>(19,490,034)</u>
Realized and Unrealized Gain on Investments	
Net realized gain on investments, before income taxes	59,590,480
Deferred tax expense	(21,778,297)
Net realized gain on investments	<u>37,812,183</u>
Net unrealized appreciation of investments, before income taxes	351,680,550
Deferred tax expense	(128,527,302)
Net unrealized appreciation of investments	<u>223,153,248</u>
Net Realized and Unrealized Gain on Investments	<u>260,965,431</u>
Net Increase in Net Assets Applicable to Common Stockholders Resulting from Operations	<u>\$ 241,475,397</u>

See accompanying Notes to Financial Statements.

STATEMENT OF CHANGES IN NET ASSETS

Year Ended November 30

	<u>2013</u>	<u>2012</u>
Operations		
Net investment loss	\$ (19,490,034)	\$ (18,486,108)
Net realized gain on investments	37,812,183	21,014,658
Net unrealized appreciation of investments	223,153,248	71,603,995
Net increase in net assets applicable to common stockholders resulting from operations	<u>241,475,397</u>	<u>74,132,545</u>
Distributions to Common Stockholders		
Return of capital	<u>(78,345,962)</u>	<u>(76,403,671)</u>
Capital Stock Transactions		
Proceeds from shelf offerings of 223,888 and 234,045 common shares, respectively	6,364,992	6,095,538
Underwriting discounts and offering expenses associated with the issuance of common stock	(103,845)	(128,623)
Issuance of 216,490 and 376,005 common shares from reinvestment of distributions to stockholders, respectively	5,839,742	9,348,018
Net increase in net assets applicable to common stockholders from capital stock transactions	<u>12,100,889</u>	<u>15,314,933</u>
Total increase in net assets applicable to common stockholders	175,230,324	13,043,807
Net Assets		
Beginning of year	<u>1,140,635,390</u>	<u>1,127,591,583</u>
End of year	<u>\$ 1,315,865,714</u>	<u>\$ 1,140,635,390</u>
Accumulated net investment loss, net of income taxes, end of year	<u>\$ (55,531,680)</u>	<u>\$ (36,041,646)</u>

See accompanying Notes to Financial Statements.

STATEMENT OF CASH FLOWS

Year Ended November 30, 2013

Cash Flows From Operating Activities

Distributions received from master limited partnerships	\$ 104,393,933
Dividend income received	396
Other income received	358,659
Purchases of long-term investments	(262,586,905)
Proceeds from sales of long-term investments	247,819,096
Purchases of short-term investments, net	(4,587)
Interest expense paid	(9,534,471)
Distributions to mandatory redeemable preferred stockholders	(3,737,000)
Other leverage expenses paid	(85,146)
Operating expenses paid	(15,434,187)
Net cash provided by operating activities	<u>61,189,788</u>

Cash Flows From Financing Activities

Advances from revolving line of credit	190,800,000
Repayments on revolving line of credit	(187,500,000)
Issuance of common stock	6,364,992
Common stock issuance costs	(115,943)
Distributions paid to common stockholders	(70,738,837)
Net cash used in financing activities	<u>(61,189,788)</u>
Net change in cash	-
Cash – beginning of year	-
Cash – end of year	<u>\$ -</u>

Reconciliation of net increase in net assets applicable to common stockholders resulting from operations to net cash provided by operating activities

Net increase in net assets applicable to common stockholders resulting from operations	\$ 241,475,397
Adjustments to reconcile net increase in net assets applicable to common stockholders resulting from operations to net cash provided by operating activities:	
Purchases of long-term investments	(263,207,980)
Proceeds from sales of long-term investments	247,819,096
Purchases of short-term investments, net	(4,587)
Return of capital on distributions received	103,555,607
Deferred tax expense	141,332,523
Net unrealized appreciation of investments	(351,680,550)
Net realized gain on investments	(59,590,480)
Amortization of debt issuance costs	384,495
Changes in operating assets and liabilities:	
Increase in prepaid expenses and other assets	(18,532)
Increase in payable for investments purchased	621,075
Increase in payable to Adviser, net of fee waiver	529,762
Decrease in accrued expenses and other liabilities	(26,038)
Total adjustments	<u>(180,285,609)</u>
Net cash provided by operating activities	<u>\$ 61,189,788</u>

Non-Cash Financing Activities

Reinvestment of distributions by common stockholders in additional common shares	<u>\$ 5,839,742</u>
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See accompanying Notes to Financial Statements.

FINANCIAL HIGHLIGHTS

	Year Ended November 30, 2013	Year Ended November 30, 2012	Year Ended November 30, 2011	Period from July 30, 2010 ⁽¹⁾ through November 30, 2010
Per Common Share Data⁽²⁾				
Net Asset Value, beginning of period	\$ 24.50	\$ 24.54	\$ 24.91	\$ —
Public offering price	—	—	—	25.00
Income from Investment Operations				
Net investment loss ⁽³⁾	(0.42)	(0.40)	(0.34)	(0.04)
Net realized and unrealized gain on investments ⁽³⁾	5.59	2.02	1.61	1.49
Total income from investment operations	5.17	1.62	1.27	1.45
Distributions to Common Stockholders				
Return of capital	(1.67)	(1.66)	(1.64)	(0.36)
Capital stock transactions				
Underwriting discounts and offering costs on issuance of common stock ⁽⁴⁾	—	—	—	(1.18)
Premiums less underwriting discounts and offering costs on issuance of common stock ⁽⁵⁾	0.00	0.00	—	—
Total capital stock transactions	0.00	0.00	—	(1.18)
Net Asset Value, end of period	\$ 28.00	\$ 24.50	\$ 24.54	\$ 24.91
Per common share market value, end of period	\$ 27.22	\$ 24.91	\$ 24.84	\$ 24.14
Total Investment Return Based on Market Value ⁽⁶⁾	16.27%	7.14%	9.88%	(2.02)%
Supplemental Data and Ratios				
Net assets applicable to common stockholders, end of period (000's)	\$1,315,866	\$ 1,140,635	\$ 1,127,592	\$ 1,131,120
Average net assets (000's)	\$1,274,638	\$ 1,157,421	\$ 1,140,951	\$ 1,087,459
Ratio of Expenses to Average Net Assets ⁽⁷⁾				
Advisory fees	1.38%	1.34%	1.30%	1.07%
Other operating expenses	0.10	0.10	0.13	0.12
Fee waiver	(0.23)	(0.28)	(0.32)	(0.28)
Subtotal	1.25	1.16	1.11	0.91
Leverage expenses	1.08	1.20	1.22	0.48
Income tax expense ⁽⁸⁾	11.09	3.86	3.11	10.44
Total expenses	13.42%	6.22%	5.44%	11.83%

See accompanying Notes to Financial Statements.

FINANCIAL HIGHLIGHTS

(Continued)

	Year Ended November 30, 2013	Year Ended November 30, 2012	Year Ended November 30, 2011	Period from July 30, 2010 ⁽¹⁾ through November 30, 2010
Ratio of net investment loss to average net assets before fee waiver ⁽⁷⁾	(1.76)%	(1.88)%	(1.69)%	(0.79)%
Ratio of net investment loss to average net assets after fee waiver ⁽⁷⁾	(1.53)%	(1.60)%	(1.37)%	(0.51)%
Portfolio turnover rate	13.42%	15.14%	19.57%	1.24%
Short-term borrowings, end of period (000's)	\$ 27,200	\$ 23,900	\$ 10,100	\$ 30,700
Long-term debt obligations, end of period (000's)	\$ 255,000	\$ 255,000	\$ 255,000	\$ 230,000
Preferred stock, end of period (000's)	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000
Per common share amount of long-term debt obligations outstanding, end of period	\$ 5.43	\$ 5.48	\$ 5.55	\$ 5.07
Per common share amount of net assets, excluding long-term debt obligations, end of period	\$ 33.43	\$ 29.98	\$ 30.09	\$ 29.98
Asset coverage, per \$1,000 of principal amount of long-term debt obligations and short-term borrowings ⁽⁹⁾	\$ 5,982	\$ 5,412	\$ 5,593	\$ 5,684
Asset coverage ratio of long-term debt obligations and short-term borrowings ⁽⁹⁾	598%	541%	559%	568%
Asset coverage, per \$25 liquidation value per share of mandatory redeemable preferred stock ⁽¹⁰⁾	\$ 113	\$ 102	\$ 104	\$ 106
Asset coverage ratio of preferred stock ⁽¹⁰⁾	454%	409%	418%	423%

(1) Commencement of Operations.

(2) Information presented relates to a share of common stock outstanding for the entire period.

(3) The per common share data for the years ended November 30, 2012 and 2011 and the period from July 30, 2010 through November 30, 2010 do not reflect the change in estimate of investment income and return of capital. See Note 2C to the financial statements for further disclosure.

(4) Represents the dilution per common share from underwriting and other offering costs for the period from July 30, 2010 through November 30, 2010.

(5) Represents the premiums on the shelf offerings of less than \$0.01 per share, less the underwriter discount and offering costs of less than \$0.01 per share for the years ended November 30, 2013 and 2012. Amount is less than \$0.01 for the years ended November 30, 2013 and 2012.

(6) Not annualized for periods less than one full year. Total investment return is calculated assuming a purchase of common stock at the beginning of the period (or initial public offering price) and a sale at the closing price on the last day of the period reported (excluding brokerage commissions). This calculation also assumes reinvestment of distributions at actual prices pursuant to the company's dividend reinvestment plan.

(7) Annualized for periods less than one full year.

(8) For the year ended November 30, 2013, the Company accrued \$141,332,523 for net deferred income tax expense. For the year ended November 30, 2012, the Company accrued \$44,677,351 for net deferred income tax expense. For the year ended November 30, 2011, the Company accrued \$20,589 for current income tax benefit and \$35,466,770 for net deferred income tax expense. For the period from July 30, 2010 to November 30, 2010, the Company accrued \$50,000 for current income tax expense and \$38,533,993 for net deferred income tax expense.

(9) Represents value of total assets less all liabilities and indebtedness not represented by long-term debt obligations, short-term borrowings and preferred stock at the end of the period divided by long-term debt obligations and short-term borrowings outstanding at the end of the period.

(10) Represents value of total assets less all liabilities and indebtedness not represented by long-term debt obligations, short-term borrowings and preferred stock at the end of the period divided by the sum of long-term debt obligations, short-term borrowings and preferred stock outstanding at the end of the period.

See accompanying Notes to Financial Statements.

NOTES TO FINANCIAL STATEMENTS

November 30, 2013

1. Organization

Tortoise MLP Fund, Inc. (the "Company") was organized as a Maryland corporation on April 23, 2010, and is a non-diversified, closed-end management investment company under the Investment Company Act of 1940, as amended (the "1940 Act"). The Company's investment objective is to seek a high level of total return with an emphasis on current distributions paid to stockholders. The Company seeks to provide its stockholders with an efficient vehicle to invest in the energy infrastructure sector, with an emphasis on natural gas infrastructure. The Company commenced operations on July 30, 2010. The Company's stock is listed on the New York Stock Exchange under the symbol "NTG."

2. Significant Accounting Policies

A. Use of Estimates

The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amount of assets and liabilities, recognition of distribution income and disclosure of contingent assets and liabilities at the date of the financial statements. Actual results could differ from those estimates.

B. Investment Valuation

The Company primarily owns securities that are listed on a securities exchange or over-the-counter market. The Company values those securities at their last sale price on that exchange or over-the-counter market on the valuation date. If the security is listed on more than one exchange, the Company uses the price from the exchange that it considers to be the principal exchange on which the security is traded. Securities listed on the NASDAQ will be valued at the NASDAQ Official Closing Price, which may not necessarily represent the last sale price. If there has been no sale on such exchange or over-the-counter market on such day, the security will be valued at the mean between the last bid price and last ask price on such day.

The Company may invest up to 50 percent of its total assets in restricted securities. Restricted securities are subject to statutory or contractual restrictions on their public resale, which may make it more difficult to obtain a valuation and may limit the Company's ability to dispose of them. Investments in restricted securities and other securities for which market quotations are not readily available will be valued in good faith by using fair value procedures approved by the Board of Directors. Such fair value procedures consider factors such as discounts to publicly traded issues, time until conversion date, securities with similar yields, quality, type of issue, coupon, duration and rating. If events occur that affect the value of the Company's portfolio securities before the net asset value has been calculated (a "significant event"), the portfolio securities so affected will generally be priced using fair value procedures. The Company did not hold any restricted securities at November 30, 2013.

An equity security of a publicly traded company acquired in a direct placement transaction may be subject to restrictions on resale that can affect the security's liquidity and fair value. Such securities that are convertible or otherwise will become freely tradable will be valued based on the market value of the freely tradable security less an applicable discount. Generally, the discount will initially be equal to the discount at which the Company purchased the securities. To the extent that such securities are convertible or otherwise become freely tradable within a time frame that may be reasonably determined, an amortization schedule may be used to determine the discount.

The Company generally values debt securities at prices based on market quotations for such securities, except those securities purchased with 60 days or less to maturity are valued on the basis of amortized cost, which approximates market value.

C. Security Transactions and Investment Income

Security transactions are accounted for on the date the securities are purchased or sold (trade date). Realized gains and losses are reported on an identified cost basis. Interest income is recognized on the accrual basis, including amortization of premiums and accretion of discounts. Dividend and distribution income is recorded on the ex-dividend date. Distributions received from the Company's investments in master limited partnerships ("MLPs") generally are comprised of ordinary income and return of capital from the MLPs. The Company allocates distributions between investment income and return of capital based on estimates made at the time such distributions are received. Such estimates are based on information provided by each MLP and other industry sources. These estimates may subsequently be revised based on actual allocations received from MLPs after their tax reporting periods are concluded, as the actual character of these distributions is not known until after the fiscal year end of the Company.

During the year ended November 30, 2013, the Company reallocated the amount of 2012 investment income and return of capital it recognized based on the 2012 tax reporting information received from the individual MLPs. This reclassification amounted to a decrease in pre-tax net investment income of approximately \$5,432,000 or \$0.116 per share (\$3,439,000 or \$0.073 per share, net of deferred tax benefit), an increase in unrealized appreciation of investments of approximately \$4,964,000 or \$0.106 per share (\$3,143,000 or \$0.067 per share, net of deferred tax expense), and an increase in realized gains of approximately \$468,000 or \$0.010 per share (\$296,000 or \$0.006 per share, net of deferred tax expense) for the year ended November 30, 2013.

D. Distributions to Stockholders

Distributions to common stockholders are recorded on the ex-dividend date. The Company may not declare or pay distributions to its common stockholders if it does not meet asset coverage ratios required under the 1940 Act or the rating agency guidelines for its debt and preferred stock following such distribution. The character of distributions to common stockholders made during the year may differ from their ultimate characterization for federal income tax purposes. For tax purposes, the Company's distributions to common stockholders for the year ended November 30, 2013 were 5 percent qualified dividend income and 95 percent return of capital. For book purposes, the source of the Company's distributions to common stockholders for the year ended November 30, 2013 was 100 percent return of capital.

Distributions to mandatory redeemable preferred ("MRP") stockholders are accrued daily and paid quarterly based on fixed annual rates. The Company may not declare or pay distributions to its preferred stockholders if it does not meet a 200 percent asset coverage ratio for its debt or the rating agency basic maintenance amount for the debt following such distribution. The character of distributions to MRP stockholders made during the year may differ from their ultimate characterization for federal income tax purposes. For tax purposes, the Company's distributions to MRP stockholders for the year ended November 30, 2013 were 100 percent qualified dividend income. For book purposes, the source of the Company's distributions to MRP stockholders for the year ended November 30, 2013 was 100 percent return of capital.

NOTES TO FINANCIAL STATEMENTS

(Continued)

E. Federal Income Taxation

The Company, as a corporation, is obligated to pay federal and state income tax on its taxable income. Currently, the highest regular marginal federal income tax rate for a corporation is 35 percent. The Company may be subject to a 20 percent federal alternative minimum tax ("AMT") on its federal alternative minimum taxable income to the extent that its AMT exceeds its regular federal income tax.

The Company invests its assets primarily in MLPs, which generally are treated as partnerships for federal income tax purposes. As a limited partner in the MLPs, the Company reports its allocable share of the MLP's taxable income in computing its own taxable income. The Company's tax expense or benefit is included in the Statement of Operations based on the component of income or gains (losses) to which such expense or benefit relates. Deferred income taxes reflect the net tax effects of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for income tax purposes. A valuation allowance is recognized if, based on the weight of available evidence, it is more likely than not that some portion or all of the deferred income tax asset will not be realized.

F. Offering and Debt Issuance Costs

Offering costs related to the issuance of common stock are charged to additional paid-in capital when the stock is issued. Offering costs (excluding underwriter discounts and commissions) of \$40,195 related to the issuance of common stock were recorded to additional paid-in capital during the year ended November 30, 2013. Debt issuance costs related to long-term debt obligations and MRP Stock are capitalized and amortized over the period the debt and MRP Stock is outstanding.

G. Derivative Financial Instruments

The Company may use derivative financial instruments (principally interest rate swap contracts) in an attempt to manage interest rate risk. The Company has established policies and procedures for risk assessment and the approval, reporting and monitoring of derivative financial instrument activities. The Company does not hold or issue derivative financial instruments for speculative purposes. All derivative financial instruments are recorded at fair value with changes in fair value during the reporting period, and amounts accrued under the agreements, included as unrealized gains or losses in the accompanying Statement of Operations. The fair value of derivative financial instruments in a loss position are offset against the fair value of derivative financial instruments in a gain position, with the net fair value appropriately reflected as an asset or liability within the accompanying Statement of Assets & Liabilities. Cash settlements under the terms of the derivative instruments and the termination of such contracts are recorded as realized gains or losses in the accompanying Statement of Operations. The Company did not hold any derivative financial instruments during the year ended November 30, 2013.

H. Indemnifications

Under the Company's organizational documents, its officers and directors are indemnified against certain liabilities arising out of the performance of their duties to the Company. In addition, in the normal course of business, the Company may enter into contracts that provide general indemnification to other parties. The Company's

maximum exposure under these arrangements is unknown, as this would involve future claims that may be made against the Company that have not yet occurred, and may not occur. However, the Company has not had prior claims or losses pursuant to these contracts and expects the risk of loss to be remote.

I. Recent Accounting Pronouncements

In December 2011, the Financial Accounting Standards Board issued ASU 2011-11 "Balance Sheet (Topic 210) Disclosures about Offsetting Assets and Liabilities". ASU 2011-11 requires new disclosures for recognized financial instruments and derivative instruments that are either offset on the balance sheet in accordance with the offsetting guidance in ASC 210-20-45 or ASC 815-10-45 or are subject to an enforceable master netting arrangement or similar arrangement. ASU 2011-11 is effective for periods beginning on or after January 1, 2013 and must be applied retrospectively.

In January 2013, the Financial Accounting Standards Board issued Accounting Standards Update No. 2013-01 "Clarifying the Scope of Disclosures about Offsetting Assets and Liabilities" ("ASU 2013-01") which amended Accounting Standards Codification Subtopic 210-20, Balance Sheet Offsetting. ASU 2013-01 clarified the scope of ASU No. 2011-11 "Disclosures about Offsetting Assets and Liabilities" ("ASU 2011-11"). ASU 2013-01 clarifies the scope of ASU 2011-11 as applying to derivatives accounted for in accordance with Topic 815, Derivatives and Hedging, including bifurcated embedded derivatives, repurchase agreements and reverse repurchase agreements, and securities borrowing and securities lending transactions that are offset either in accordance with other requirements of U.S. GAAP or subject to an enforceable master netting arrangement or similar agreement. The guidance in ASU 2013-01 and ASU 2011-11 is effective for interim and annual periods beginning on or after January 1, 2013. The Company has adopted these amendments, which did not have an impact on the financial statements.

3. Concentration Risk

Under normal circumstances, the Company intends to invest at least 80 percent of its total assets in equity securities of MLPs in the energy infrastructure sector and to invest at least 70 percent of its total assets in equity securities of natural gas infrastructure MLPs. The Company will not invest more than 10 percent of its total assets in any single issuer as of the time of purchase. The Company may invest up to 50 percent of its total assets in restricted securities. The Company will not invest in privately held companies. In determining application of these policies, the term "total assets" includes assets obtained through leverage. Companies that primarily invest in a particular sector may experience greater volatility than companies investing in a broad range of industry sectors. The Company may, for defensive purposes, temporarily invest all or a significant portion of its assets in investment grade securities, short-term debt securities and cash or cash equivalents. To the extent the Company uses this strategy, it may not achieve its investment objective.

4. Agreements

The Company has entered into an Investment Advisory Agreement with Tortoise Capital Advisors, L.L.C. (the "Adviser"). Under the terms of the agreement, the Company pays the Adviser a fee equal to an annual rate of 0.95 percent of the Company's average

NOTES TO FINANCIAL STATEMENTS

(Continued)

monthly total assets (including any assets attributable to leverage) minus accrued liabilities (other than debt entered into for purposes of leverage and the aggregate liquidation preference of outstanding preferred stock) ("Managed Assets"), in exchange for the investment advisory services provided. The Adviser waived an amount equal to 0.20 percent of average monthly Managed Assets for the period from July 28, 2011 through December 31, 2012, and has agreed to waive an amount equal to 0.15 percent of average monthly Managed Assets for the period from January 1, 2013 through December 31, 2013, 0.10 percent of average monthly Managed Assets for the period from January 1, 2014 through December 31, 2014, and 0.05 percent of average monthly Managed Assets for the period from January 1, 2015 through December 31, 2015. In addition, the Adviser has contractually agreed to waive all fees due under the Investment Advisory Agreement related to the net proceeds received from the issuance of additional common stock under the at-the-market equity program for a six month period following the date of issuance.

U.S. Bancorp Fund Services, LLC serves as the Company's administrator. The Company pays the administrator a monthly fee computed at an annual rate of 0.04 percent of the first \$1,000,000,000 of the Company's Managed Assets, 0.01 percent on the next \$500,000,000 of Managed Assets and 0.005 percent on the balance of the Company's Managed Assets.

Computershare Trust Company, N.A. serves as the Company's transfer agent and registrar and Computershare Inc. serves as the Company's dividend paying agent and agent for the automatic dividend reinvestment plan.

U.S. Bank, N.A. serves as the Company's custodian. The Company pays the custodian a monthly fee computed at an annual rate of 0.004 percent of the Company's portfolio assets, plus portfolio transaction fees.

5. Income Taxes

Deferred income taxes reflect the net tax effect of temporary differences between the carrying amount of assets and liabilities for financial reporting and tax purposes. Components of the Company's deferred tax assets and liabilities as of November 30, 2013, are as follows:

Deferred tax assets:	
Net operating loss carryforwards	\$ 69,202,371
Deferred tax liabilities:	
Basis reduction of investment in MLPs	88,253,760
Net unrealized gains on investment securities	240,959,248
	<u>329,213,008</u>
Total net deferred tax liability	<u>\$ 260,010,637</u>

At November 30, 2013, a valuation allowance on deferred tax assets was not deemed necessary because the Company believes it is more likely than not that there is an ability to realize its deferred tax assets through future taxable income. Any adjustments to the Company's estimates of future taxable income will be made in the period such determination is made. The Company recognizes the tax benefits of uncertain tax positions only when the position is "more likely than not" to be sustained upon examination by the tax authorities based on the technical merits of the tax position. The Company's policy is to record interest and penalties on uncertain

tax positions as part of tax expense. As of November 30, 2013, the Company had no uncertain tax positions and no penalties and interest were accrued. The Company does not expect any change to its unrecognized tax positions in the twelve months subsequent to November 30, 2013. All tax years since inception remain open to examination by federal and state tax authorities.

Total income tax expense differs from the amount computed by applying the federal statutory income tax rate of 35 percent to net investment loss and net realized and unrealized gains on investments for the year ended November 30, 2013, as follows:

Application of statutory income tax rate	\$ 133,982,772
State income taxes, net of federal tax benefit	6,469,454
Change in deferred tax liability due to change in overall tax rate	(73,311)
Nondeductible payments on preferred stock	1,434,832
Dividends received deduction	<u>(481,224)</u>
Total income tax expense	<u>\$ 141,332,523</u>

Total income taxes are computed by applying the federal statutory rate plus a blended state income tax rate. During the year, the Company re-evaluated its blended state income tax rate, decreasing the overall rate from 36.71 percent to 36.69 percent due to anticipated state apportionment of income and gains.

For the year ended November 30, 2013, the components of income tax expense include deferred federal and state income tax expense (net of federal tax benefit) of \$134,822,521 and \$6,510,002, respectively.

As of November 30, 2013, the Company had net operating losses for federal income tax purposes of approximately \$188,367,000. The net operating losses may be carried forward for 20 years. If not utilized, these net operating losses will expire in the years ending November 30, 2030 through November 30, 2033.

As of November 30, 2013, the aggregate cost of securities for federal income tax purposes was \$1,057,097,730. The aggregate gross unrealized appreciation for all securities in which there was an excess of fair value over tax cost was \$897,282,660, the aggregate gross unrealized depreciation for all securities in which there was an excess of tax cost over fair value was \$0 and the net unrealized appreciation was \$897,282,660.

6. Fair Value of Financial Instruments

Various inputs are used in determining the fair value of the Company's financial instruments. These inputs are summarized in the three broad levels listed below:

- Level 1 – quoted prices in active markets for identical investments
- Level 2 – other significant observable inputs (including quoted prices for similar investments, market corroborated inputs, etc.)
- Level 3 – significant unobservable inputs (including the Company's own assumptions in determining the fair value of investments)

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

NOTES TO FINANCIAL STATEMENTS

(Continued)

The following table provides the fair value measurements of applicable Company assets by level within the fair value hierarchy as of November 30, 2013. These assets are measured on a recurring basis.

Description	Fair Value at			
	November 30, 2013	Level 1	Level 2	Level 3
Assets				
Equity Securities:				
Common Stock ^(a)	\$ 8,943,442	\$ 8,943,442	\$ —	\$ —
Master Limited Partnerships and Related Companies ^(a)	1,945,358,038	1,945,358,038	—	—
Total Equity Securities:	1,954,301,480	1,954,301,480	—	—
Other Securities:				
Short-Term Investment ^(b)	78,910	78,910	—	—
Total Assets	\$ 1,954,380,390	\$ 1,954,380,390	\$ —	\$ —

(a) All other industry classifications are identified in the Schedule of Investments.

(b) Short-term investment is a sweep investment for cash balances in the Company at November 30, 2013.

The Company did not hold any Level 3 securities during the year ended November 30, 2013. The Company utilizes the beginning of reporting period method for determining transfers between levels. There were no transfers between levels for the year ended November 30, 2013.

Valuation Techniques

In general, and where applicable, the Company uses readily available market quotations based upon the last updated sales price from the principal market to determine fair value. This pricing methodology applies to the Company's Level 1 investments.

An equity security of a publicly traded company acquired in a private placement transaction without registration under the Securities Act of 1933, as amended (the "1933 Act"), is subject to restrictions on resale that can affect the security's fair value. If such a security is convertible into publicly-traded common shares, the security generally will be valued at the common share market price adjusted by a percentage discount due to the restrictions and categorized as Level 2 in the fair value hierarchy. If the security has characteristics that are dissimilar to the class of security that trades on the open market, the security will generally be valued and categorized as Level 3 in the fair value hierarchy.

7. Investment Transactions

For the year ended November 30, 2013, the Company purchased (at cost) and sold securities (proceeds received) in the amount of \$263,207,980 and \$247,819,096 (excluding short-term debt securities), respectively.

8. Long-Term Debt Obligations

The Company has \$255,000,000 aggregate principal amount of private senior notes (collectively, the "Notes") outstanding at November 30, 2013. The Notes are unsecured obligations of the Company and, upon liquidation, dissolution or winding up of the Company, will rank: (1) senior to all of the Company's outstanding preferred shares; (2) senior to all of the Company's outstanding common stock; (3) on parity with any unsecured creditors of the Company and any unsecured senior securities

representing indebtedness of the Company and (4) junior to any secured creditors of the Company. Holders of the Notes are entitled to receive periodic cash interest payments until maturity. The Notes are not listed on any exchange or automated quotation system.

The Notes are redeemable in certain circumstances at the option of the Company. The Notes are also subject to a mandatory redemption if the Company fails to meet asset coverage ratios required under the 1940 Act or the rating agency guidelines if such failure is not waived or cured. At November 30, 2013, the Company was in compliance with asset coverage covenants and basic maintenance covenants for its senior notes.

The estimated fair value of each series of fixed-rate Notes was calculated, for disclosure purposes, by discounting future cash flows by a rate equal to the current U.S. Treasury rate with an equivalent maturity date, plus either 1) the spread between the interest rate on recently issued debt and the U.S. Treasury rate with a similar maturity date or 2) if there has not been a recent debt issuance, the spread between the AAA corporate finance debt rate and the U.S. Treasury rate with an equivalent maturity date plus the spread between the fixed rates of the Notes and the AAA corporate finance debt rate. The estimated fair value of the Series E and Series F Notes approximates the carrying amount because the interest rates fluctuate with changes in interest rates available in the current market. The estimated fair values in the table below are Level 2 valuations within the fair value hierarchy. The following table shows the maturity date, interest rate, payment frequency, notional/carrying amount and estimated fair value for each series of Notes outstanding at November 30, 2013.

Series	Maturity Date	Interest Rate	Payment Frequency	Notional/Carrying Amount	Estimated Fair Value
Series A	December 15, 2013	2.48%	Quarterly	\$ 12,000,000	\$ 12,066,640
Series B	December 15, 2015	3.14%	Quarterly	24,000,000	24,807,286
Series C	December 15, 2017	3.73%	Quarterly	57,000,000	60,250,458
Series D	December 15, 2020	4.29%	Quarterly	112,000,000	118,675,240
Series E	December 15, 2015	1.95% ⁽¹⁾	Quarterly	25,000,000	25,000,000
Series F	May 12, 2014	1.59% ⁽²⁾	Quarterly	15,000,000	15,000,000
Series G	May 12, 2018	4.35%	Quarterly	10,000,000	10,755,514
				\$ 255,000,000	\$ 266,555,138

(1) Floating rate resets each quarter based on 3-month LIBOR plus 1.70 percent. The current rate is effective for the period from September 15, 2013 through December 15, 2013. The weighted-average rate for the year ended November 30, 2013 was 1.98 percent.

(2) Floating rate resets each quarter based on 3-month LIBOR plus 1.35 percent. The current rate is effective for the period from November 12, 2013 through February 12, 2014. The weighted-average rate for the year ended November 30, 2013 was 1.63 percent.

9. Preferred Stock

The Company has 10,000,000 shares of preferred stock authorized. Of that amount, the Company has 3,600,000 shares of private Mandatory Redeemable Preferred ("MRP") Stock authorized and outstanding at November 30, 2013. The MRP Stock has a liquidation value of \$25.00 per share plus any accumulated but unpaid distributions, whether or not declared. Holders of the MRP Stock are entitled to receive cash interest payments each quarter at a fixed rate until maturity. The MRP Stock is not listed on any exchange or automated quotation system.

NOTES TO FINANCIAL STATEMENTS

(Continued)

The MRP Stock has rights determined by the Board of Directors. Except as otherwise indicated in the Company's Charter or Bylaws, or as otherwise required by law, the holders of MRP Stock have voting rights equal to the holders of common stock (one vote per MRP share) and will vote together with the holders of shares of common stock as a single class except on matters affecting only the holders of preferred stock or the holders of common stock. The 1940 Act requires that the holders of any preferred stock (including MRP Stock), voting separately as a single class, have the right to elect at least two directors at all times.

The estimated fair value of each series of MRP Stock was calculated, for disclosure purposes, by discounting future cash flows by a rate equal to the current U.S. Treasury rate with an equivalent maturity date, plus either 1) the spread between the interest rate on recently issued preferred stock and the U.S. Treasury rate with a similar maturity date or 2) if there has not been a recent preferred stock issuance, the spread between the AA corporate finance debt rate and the U.S. Treasury rate with an equivalent maturity date plus the spread between the fixed rates of the MRP Stock and the AA corporate finance debt rate. The estimated fair values in the table below are Level 2 valuations within the fair value hierarchy. The following table shows the mandatory redemption date, fixed rate, aggregate liquidation preference, number of shares outstanding and estimated fair value of each series of MRP Stock outstanding as of November 30, 2013.

Series	Mandatory Redemption Date	Fixed Rate	Aggregate Liquidation Preference	Shares Outstanding	Estimated Fair Value
Series A	December 15, 2015	3.69%	\$ 25,000,000	1,000,000	\$ 25,739,795
Series B	December 15, 2017	4.33%	65,000,000	2,600,000	68,257,692
			<u>\$ 90,000,000</u>	<u>3,600,000</u>	<u>\$ 93,997,487</u>

The MRP Stock is redeemable in certain circumstances at the option of the Company. Under the Investment Company Act of 1940, the Company may not declare dividends or make other distributions on shares of common stock or purchases of such shares if, at the time of the declaration, distribution or purchase, asset coverage with respect to the outstanding MRP Stock would be less than 200 percent. The MRP Stock is also subject to a mandatory redemption if the Company fails to meet an asset coverage ratio of at least 225 percent as determined in accordance with the 1940 Act or a rating agency basic maintenance amount if such failure is not waived or cured. At November 30, 2013, the Company was in compliance with asset coverage covenants and basic maintenance covenants for its MRP Stock.

10. Credit Facility

As of November 30, 2013, the Company has a \$60,000,000 unsecured, revolving credit facility that matures on June 16, 2014. Bank of America, N.A. serves as a lender and the lending syndicate agent on behalf of other lenders participating in the facility. Effective June 17, 2013, outstanding balances generally accrue interest at a variable annual rate equal to one-month LIBOR plus 1.125 percent and unused portions of the credit facility accrue a non-usage fee equal to an annual rate of 0.15 percent. For the period from December 1, 2012 through June 16, 2013, outstanding balances accrued interest at a variable annual rate equal to one-month LIBOR plus 1.25 percent and unused portions of the credit facility accrued a non-usage fee equal to an annual rate of 0.20 percent.

The average principal balance and interest rate for the period during which the credit facility was utilized during the year ended November 30, 2013 was approximately \$20,900,000 and 1.39 percent, respectively. At November 30, 2013, the principal balance outstanding was \$27,200,000 at an interest rate of 1.29 percent.

Under the terms of the credit facility, the Company must maintain asset coverage required under the 1940 Act. If the Company fails to maintain the required coverage, it may be required to repay a portion of an outstanding balance until the coverage requirement has been met. At November 30, 2013, the Company was in compliance with the terms of the credit facility.

11. Common Stock

The Company has 100,000,000 shares of capital stock authorized and 47,000,211 shares outstanding at November 30, 2013. Transactions in common stock for the year ended November 30, 2013, were as follows:

Shares at November 30, 2012	46,559,833
Shares sold through shelf offerings	223,888
Shares issued through reinvestment of distributions	216,490
Shares at November 30, 2013	<u>47,000,211</u>

12. Subsequent Events

On December 20, 2013, the Company entered into an amendment to its credit facility to increase the borrowing capacity under the facility to \$73,000,000. On January 15, 2014, the Company entered into an amendment to its credit facility to increase the borrowing capacity under the facility to \$107,000,000. Outstanding balances generally will accrue interest at a variable annual rate equal to one-month LIBOR plus 1.125 percent and unused portions of the facility will accrue a fee equal to an annual rate of 0.15 percent.

The Company has performed an evaluation of subsequent events through the date the financial statements were issued and has determined that no additional items require recognition or disclosure.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Board of Directors and Stockholders Tortoise MLP Fund, Inc.

We have audited the accompanying statement of assets and liabilities of Tortoise MLP Fund, Inc. (the Company), including the schedule of investments, as of November 30, 2013, and the related statements of operations and cash flows for the year then ended, the statements of changes in net assets for each of the two years in the period then ended, and the financial highlights for each of the periods indicated therein. These financial statements and financial highlights are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements and financial highlights based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements and financial highlights are free of material misstatement. We were not engaged to perform an audit of the Company's internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the

amounts and disclosures in the financial statements and financial highlights, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. Our procedures included confirmation of securities owned as of November 30, 2013, by correspondence with the custodian and brokers or by other appropriate auditing procedures where replies from brokers were not received. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements and financial highlights referred to above present fairly, in all material respects, the financial position of Tortoise MLP Fund, Inc. at November 30, 2013, the results of its operations and its cash flows for the year then ended, the changes in its net assets for each of the two years in the period then ended, and the financial highlights for each of the periods indicated therein, in conformity with U.S. generally accepted accounting principles.

The signature of Ernst & Young LLP is written in a cursive, handwritten style in black ink.

Kansas City, Missouri
January 21, 2014

COMPANY OFFICERS AND DIRECTORS *(Unaudited)*

November 30, 2013

Name and Age*	Position(s) Held with Company, Term of Office and Length of Time Served	Principal Occupation During Past Five Years	Number of Portfolios in Fund Complex Overseen by Director ⁽¹⁾	Other Public Company Directorships Held
Independent Directors**				
Conrad S. Ciccotello (Born 1960)	Director since 2010	Associate Professor of Risk Management and Insurance, Robinson College of Business, Georgia State University (faculty member since 1999); Director of Personal Financial Planning Program; Investment Consultant to the University System of Georgia for its defined contribution retirement plan; Formerly Faculty Member, Pennsylvania State University (1997-1999); Published a number of academic and professional journal articles on investment company performance and structure, with a focus on MLPs.	7	CorEnergy Infrastructure Trust, Inc. (formerly Tortoise Capital Resources Corporation)
John R. Graham (Born 1945)	Director since 2010	Executive-in-Residence and Professor of Finance (part-time), College of Business Administration, Kansas State University (has served as a professor or adjunct professor since 1970); Chairman of the Board, President and CEO, Graham Capital Management, Inc., primarily a real estate development, investment and venture capital company; Owner of Graham Ventures, a business services and venture capital firm; Part-time Vice President Investments, FB Capital Management, Inc. (a registered investment adviser), since 2007; formerly, CEO, Kansas Farm Bureau Financial Services, including seven affiliated insurance or financial service companies (1979-2000).	7	CorEnergy Infrastructure Trust, Inc. (formerly Tortoise Capital Resources Corporation)
Charles E. Heath (Born 1942)	Director since 2010	Retired in 1999, Formerly Chief Investment Officer, GE Capital's Employers Reinsurance Corporation (1989-1999). Chartered Financial Analyst ("CFA") designation since 1974.	7	CorEnergy Infrastructure Trust, Inc. (formerly Tortoise Capital Resources Corporation)

(1) This number includes Tortoise Energy Infrastructure Corporation ("TYG"), Tortoise Energy Capital Corporation ("TYT"), Tortoise North American Energy Corporation ("TYN"), Tortoise Power and Energy Infrastructure Fund, Inc. ("TPZ"), Tortoise Pipeline & Energy Fund, Inc. ("TTP"), Tortoise Energy Independence Fund, Inc. ("NDP") and the Company. Our Adviser also serves as the investment adviser to TYG, TYT, TYN, TPZ, TTP and NDP.

* The address of each director and officer is 11550 Ash Street, Suite 300, Leawood, Kansas 66211.

** Subsequent to fiscal year-end, Mr. Graham passed away. Effective January 1, 2014, Mr. Rand C. Berney joined the Company's Board of Directors as an independent director. Mr. Berney also joined the Board of Directors of each of TYG, TYT, TYN, TPZ, TTP and NDP. Mr. Berney was born in 1955. Mr. Berney is Executive-in-Residence and Professor for Professional Financial Planning course and Professional Ethics course, College of Business Administration, Kansas State University since 2012. He was formerly Senior Vice President of Corporate Shared Services of ConocoPhillips from April 2009 to 2012, Vice President and Controller of ConocoPhillips from 2002 to April 2009, and Vice President and Controller of Phillips Petroleum Company from 1997 to 2002. Mr. Berney is a member of the Oklahoma Society of CPAs, the Financial Executive Institute, American Institute of Certified Public Accountants, the Institute of Internal Auditors and the Institute of Management Accountants.

COMPANY OFFICERS AND DIRECTORS (Unaudited) (Continued)

November 30, 2013

Name and Age*	Position(s) Held with Company, Term of Office and Length of Time Served	Principal Occupation During Past Five Years	Number of Portfolios in Fund Complex Overseen by Director ⁽¹⁾	Other Public Company Directorships Held
Interested Director and Officers⁽²⁾				
H. Kevin Birzer (Born 1959)	Director and Chairman of the Board since 2010	Managing Director of the Adviser and member of the Investment Committee of the Adviser since 2002; Member, Fountain Capital Management, LLC ("Fountain Capital"), a registered investment adviser, (1990-May 2009); Director and Chairman of the Board of each of TYG, TYY, TYN, TPZ, TTP and NDP since its inception and of Tortoise Capital Resources Corporation ("TTO") from its inception through November 2011. CFA designation since 1988.	7	None
Terry Matlack (Born 1956)	Chief Executive Officer since 2010; Director since November 12, 2012	Managing Director of the Adviser and member of the Investment Committee of the Adviser since 2002; Director of each of TYG, TYY, TYN, TPZ and TTO from its inception to September 15, 2009; Director of each of TYG, TYY, TYN, TPZ, TTP and NDP since November 12, 2012; Chief Executive Officer of each of TYG, TYY, TYN and TPZ from May 2011 and of each of TTP and NDP since its inception; Chief Financial Officer of each of TYG, TYY, TYN and TPZ from its inception to May 2011, and of TTO from its inception to June 2012. CFA designation since 1985.	7	None
P. Bradley Adams (Born 1960)	Chief Financial Officer since 2010	Managing Director of the Adviser since January 2013; Director of Financial Operations of the Adviser from 2005 to January 2013; Chief Financial Officer of each of TYG, TYY, TYN and TPZ since May 2011 and of each of TTP and NDP since its inception; Assistant Treasurer of each of TYG, TYY, and TYN from April 2008 to May 2011, of TPZ from its inception to May 2011, and of TTO from its inception to June 2012.	N/A	None
Zachary A. Hamel (Born 1965)	President since 2010	Managing Director of the Adviser and member of the Investment Committee of the Adviser since 2002; Joined Fountain Capital in 1997 and was a Partner there from 2001 through September 2012. President of each of TYG, TYY and TPZ since May 2011 and of each of TTP and NDP since its inception; Senior Vice President of TYY from 2005 to May 2011, of TTO from 2005 through November 2011, of TYG from 2007 to May 2011, of TYN since 2007, and of TPZ from its inception to May 2011. CFA designation since 1998.	N/A	None
Kenneth P. Malvey (Born 1965)	Senior Vice President and Treasurer since 2010	Managing Director of the Adviser and member of the Investment Committee of the Adviser since 2002; Joined Fountain Capital in 2002 and was a Partner there from 2004 through September 2012; Treasurer of each of TYG, TYY and TYN since 2005, of each of TPZ, TTP and NDP since its inception and of TTO from 2005 through November 2011; Senior Vice President of TYY since 2005, of each of TYG and TYN since 2007, of each of TPZ, TTP and NDP since its inception, and of TTO from 2005 through November 2011. CFA designation since 1996.	N/A	None
David J. Schulte (Born 1961)	Senior Vice President since 2010	Managing Director of the Adviser and member of the Investment Committee of the Adviser since 2002; Managing Director of Corridor InfraTrust Management, LLC, an affiliate of the Adviser; President and Chief Executive Officer of each of TYG, TYY and TPZ from its inception to May 2011; Chief Executive Officer of TYN from 2005 to May 2011 and President of TYN from 2005 to September 2008; Chief Executive Officer of TTO (now CORR) since 2005 and President from 2005 to April 2007 and since June 2012; Senior Vice President of each of TYG, TYY, TYN, and TPZ since May 2011, and of each of TTP and NDP since its inception. CFA designation since 1992.	N/A	CorEnergy Infrastructure Trust, Inc. ("CORR") (formerly Tortoise Capital Resources Corporation)

(1) This number includes TYG, TYY, TYN, TPZ, TTP, NDP and the Company. Our Adviser also serves as the investment adviser to TYG, TYY, TYN, TPZ, TTP and NDP.

(2) As a result of their respective positions held with our Adviser or its affiliates, these individuals are considered "interested persons" within the meaning of the 1940 Act.

* The address of each director and officer is 11550 Ash Street, Suite 300, Leawood, Kansas 66211.

ADDITIONAL INFORMATION *(Unaudited)*

Director and Officer Compensation

The Company does not compensate any of its directors who are “interested persons,” as defined in Section 2(a)(19) of the 1940 Act, nor any of its officers. For the year ended November 30, 2013, the aggregate compensation paid by the Company to the independent directors was \$123,500. The Company did not pay any special compensation to any of its directors or officers.

Forward-Looking Statements

This report contains “forward-looking statements” within the meaning of the Securities Act of 1933 and the Securities Exchange Act of 1934. By their nature, all forward-looking statements involve risks and uncertainties, and actual results could differ materially from those contemplated by the forward-looking statements. Several factors that could materially affect the Company’s actual results are the performance of the portfolio of investments held by it, the conditions in the U.S. and international financial, petroleum and other markets, the price at which shares of the Company will trade in the public markets and other factors discussed in filings with the SEC.

Proxy Voting Policies

A description of the policies and procedures that the Company uses to determine how to vote proxies relating to portfolio securities owned by the Company and information regarding how the Company voted proxies relating to the portfolio of securities during the 12-month period ended June 30, 2013 are available to stockholders (i) without charge, upon request by calling the Company at (913) 981-1020 or toll-free at (866) 362-9331 and on the Company’s Web site at www.tortoiseadvisors.com; and (ii) on the SEC’s Web site at www.sec.gov.

Form N-Q

The Company files its complete schedule of portfolio holdings for the first and third quarters of each fiscal year with the SEC on Form N-Q. The Company’s Form N-Q is available without charge upon request by calling the Company at (866) 362-9331 or by visiting the SEC’s Web site at www.sec.gov. In addition, you may review and copy the Company’s Form N-Q at the SEC’s Public Reference Room in Washington D.C. You may obtain information on the operation of the Public Reference Room by calling (800) SEC-0330.

The Company’s Form N-Qs are also available on the Company’s Web site at www.tortoiseadvisors.com.

Statement of Additional Information

The Statement of Additional Information (“SAI”) includes additional information about the Company’s directors and is available upon request without charge by calling the Company at (866) 362-9331 or by visiting the SEC’s Web site at www.sec.gov.

Certifications

The Company’s Chief Executive Officer submitted to the New York Stock Exchange the annual CEO certification as required by Section 303A.12(a) of the NYSE Listed Company Manual.

The Company has filed with the SEC, as an exhibit to its most recently filed Form N-CSR, the certification of its Chief Executive Officer and Chief Financial Officer required by Section 302 of the Sarbanes-Oxley Act.

Privacy Policy

In order to conduct its business, the Company collects and maintains certain nonpublic personal information about its stockholders of record with respect to their transactions in shares of the Company’s securities. This information includes the stockholder’s address, tax identification or Social Security number, share balances, and distribution elections. We do not collect or maintain personal information about stockholders whose share balances of our securities are held in “street name” by a financial institution such as a bank or broker.

We do not disclose any nonpublic personal information about you, the Company’s other stockholders or the Company’s former stockholders to third parties unless necessary to process a transaction, service an account, or as otherwise permitted by law.

To protect your personal information internally, we restrict access to nonpublic personal information about the Company’s stockholders to those employees who need to know that information to provide services to our stockholders. We also maintain certain other safeguards to protect your nonpublic personal information.

Automatic Dividend Reinvestment Plan

If a stockholder’s shares are registered directly with the Company or with a brokerage firm that participates in the Company’s Automatic Dividend Reinvestment Plan (the “Plan”), all distributions are automatically reinvested for stockholders by the Plan Agent in additional shares of common stock of the Company (unless a stockholder is ineligible or elects otherwise). Stockholders holding shares that participate in the Plan in a brokerage account may not be able to transfer the shares to another broker and continue to participate in the Plan. Stockholders who elect not to participate in the Plan will receive all distributions payable in cash paid by check mailed directly to the stockholder of record (or, if the shares are held in street or other nominee name, then to such nominee) by Computershare, as dividend paying agent. Distributions subject to tax (if any) are taxable whether or not shares are reinvested.

If, on the distribution payment date, the net asset value per share of the common stock is equal to or less than the market price per share of common stock plus estimated brokerage commissions, the Company will issue additional shares of common stock to participants. The number of shares will be determined by the greater of the net asset value per share or 95 percent of the market price. Otherwise, shares generally will be purchased on the open market by the Plan Agent as soon as possible following the payment date or purchase date, but in no event later than 30 days after such date except as necessary to comply with applicable law. There are no brokerage charges with respect to shares issued directly by the Company as a result of distributions payable either in shares or in cash. However, each participant will pay a pro rata share of brokerage commissions incurred with respect to the Plan Agent’s open-market purchases in connection with the reinvestment of distributions. If a participant elects to have the Plan Agent sell part or all of his or her common stock and remit the proceeds, such participant will be charged a transaction fee of \$15.00 plus his or her pro rata share of brokerage commissions on the shares sold.

Participation is completely voluntary. Stockholders may elect not to participate in the Plan, and participation may be terminated or resumed at any time without penalty, by giving notice in writing, by telephone or Internet to Computershare, the Plan Agent, at the address set forth below. Such termination will be effective with respect to a particular distribution if notice is received prior to such record date.

Additional information about the Plan may be obtained by writing to Computershare Trust Company, N.A., P.O. Box 30170, College Station, TX 77842-3170. You may also contact Computershare by phone at (800) 426-5523 or visit their Web site at www.computershare.com.

ADDITIONAL INFORMATION *(Unaudited)*

(Continued)

Approval of the Investment Advisory Agreement

In approving the renewal of the Investment Advisory Agreement in November 2013, the directors who are not “interested persons” (as defined in the Investment Company Act of 1940) of the Company (“Independent Directors”) requested and received extensive data and information from the Adviser concerning the Company and the services provided to it by the Adviser under the Investment Advisory Agreement. In addition, the Independent Directors requested and received data and information from the Adviser, which also included information from independent, third-party sources, regarding the factors considered in their evaluation.

Factors Considered

The Independent Directors considered and evaluated all the information provided by the Adviser. The Independent Directors did not identify any single factor as being all-important or controlling, and each Independent Director may have attributed different levels of importance to different factors. In deciding to renew the agreement, the Independent Directors’ decision was based on the following factors.

Nature, Extent and Quality of Services Provided. The Independent Directors considered information regarding the history, qualification and background of the Adviser and the individuals responsible for the Adviser’s investment program, the adequacy of the number of the Adviser personnel and other Adviser resources and plans for growth, use of affiliates of the Adviser, and the particular expertise with respect to energy infrastructure companies, MLP markets and financing (including private financing). The Independent Directors concluded that the nature of the Company and the specialized expertise of the Adviser in the niche market of MLPs made it qualified to serve as the adviser. Further, the Independent Directors recognized that the Adviser’s commitment to a long-term investment horizon correlated well to the investment strategy of the Company.

Investment Performance of the Company and the Adviser, Costs of the Services To Be Provided and Profits To Be Realized by the Adviser and its Affiliates from the Relationship, and Fee Comparisons. The Independent Directors reviewed and evaluated information regarding the Company’s performance (including quarterly, last twelve months, and from inception) and the performance of the other Adviser accounts (including other investment companies), and information regarding the nature of the markets during the performance period, with a particular focus on the MLP sector. The Independent Directors also considered the Company’s performance as compared to comparable closed-end funds for the relevant periods.

The Adviser provided detailed information concerning its cost of providing services to the Company, its profitability in managing the Company, its overall profitability, and its financial condition. The Independent Directors reviewed with the Adviser the methodology used to prepare this financial information. This financial information regarding the Adviser is considered in order to evaluate the Adviser’s financial condition, its ability to continue to provide services under the Investment Advisory Agreement, and the reasonableness of the current management fee, and was, to the extent possible, evaluated in comparison to other investment advisers to closed-end funds with similar investment objectives and strategies.

The Independent Directors considered and evaluated information regarding fees charged to, and services provided to, other investment companies advised by the Adviser (including the impact of any fee waiver or reimbursement arrangements and

any expense reimbursement arrangements), fees charged to separate institutional accounts by the Adviser, and comparisons of fees of closed-end funds with similar investment objectives and strategies, including other MLP investment companies, to the Company. The Independent Directors concluded that the fees and expenses that the Company is paying under the Investment Advisory Agreement, as well as the operating expense ratios of the Company, are reasonable given the quality of services provided under the Investment Advisory Agreement and that such fees and expenses are reasonable compared to the fees charged by advisers to comparable funds. The Independent Directors also considered the Adviser’s contractual agreement to waive fees in the amount of 0.15 percent of its 0.95 percent investment advisory fee for the period from January 1, 2013 through December 31, 2013, in the amount of 0.10 percent of its 0.95 percent investment advisory fee for the period from January 1, 2014 through December 31, 2014, and in the amount of 0.05 percent of its 0.95 percent investment advisory fee for the period from January 1, 2015 through December 31, 2015.

Economies of Scale. The Independent Directors considered information from the Adviser concerning whether economies of scale would be realized as the Company grows, and whether fee levels reflect any economies of scale for the benefit of the Company’s stockholders. The Independent Directors concluded that economies of scale are difficult to measure and predict overall. Accordingly, the Independent Directors reviewed other information, such as year-over-year profitability of the Adviser generally, the profitability of its management of the Company specifically, and the fees of competitive funds not managed by the Adviser over a range of asset sizes. The Independent Directors concluded the Adviser is appropriately sharing any economies of scale through its reasonable fee structure and through reinvestment in its business resources to provide stockholders additional content and services.

Collateral Benefits Derived by the Adviser. The Independent Directors reviewed information from the Adviser concerning collateral benefits it receives as a result of its relationship with the Company. They concluded that the Adviser generally does not use the Company’s or stockholder information to generate profits in other lines of business, and therefore does not derive any significant collateral benefits from them.

The Independent Directors did not, with respect to their deliberations concerning their approval of the continuation of the Investment Advisory Agreement, consider the benefits the Adviser may derive from relationships the Adviser may have with brokers through soft dollar arrangements because the Adviser does not employ any such arrangements in rendering its advisory services to the Company. Although the Adviser may receive research from brokers with whom it places trades on behalf of clients, the Adviser does not have soft dollar arrangements or understandings with such brokers regarding receipt of research in return for commissions.

Conclusions of the Directors

As a result of this process, the Independent Directors, assisted by the advice of legal counsel that is independent of the Adviser, and taking into account all of the factors discussed above and the information provided by the Adviser, unanimously concluded that the Investment Advisory Agreement between the Company and the Adviser is fair and reasonable in light of the services provided and should be renewed.





Office of the Company and of the Investment Adviser

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Managing Directors of Tortoise Capital Advisors, L.L.C.

P. Bradley Adams
H. Kevin Birzer
Zachary A. Hamel
Kenneth P. Malvey
Terry Matlack
David J. Schulte

Board of Directors of Tortoise MLP Fund, Inc.

H. Kevin Birzer, Chairman
Tortoise Capital Advisors, L.L.C.

Terry Matlack
Tortoise Capital Advisors, L.L.C.

Rand C. Berney
Independent (effective 1/1/14)

Conrad S. Ciccotello
Independent

Charles E. Heath
Independent

ADMINISTRATOR

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CUSTODIAN

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Milwaukee, Wis. 53212

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STOCK SYMBOL

Listed NYSE Symbol: NTG

This report is for stockholder information. This is not a prospectus intended for use in the purchase or sale of fund shares. **Past performance is no guarantee of future results and your investment may be worth more or less at the time you sell.**

Tortoise Capital Advisors' Closed-end Funds

Pureplay MLP Funds				Broader Funds			
Name	Ticker	Focus	Total Assets ⁽¹⁾ (\$ in millions)	Name	Ticker	Focus	Total Assets ⁽¹⁾ (\$ in millions)
Tortoise Energy Infrastructure Corp.	TYG LISTED NYSE	Midstream Equity	\$2,257	Tortoise Pipeline & Energy Fund, Inc.	TTP LISTED NYSE	Pipeline Equity	\$409
Tortoise Energy Capital Corp.	TYE LISTED NYSE	Midstream Equity	\$1,164	Tortoise Energy Independence Fund, Inc.	NDP LISTED NYSE	North American Upstream Equity	\$454
Tortoise MLP Fund, Inc.	NTG LISTED NYSE	Natural Gas Infrastructure Equity	\$1,982	Tortoise Power and Energy Infrastructure Fund, Inc.	TPZ LISTED NYSE	Power & Energy Infrastructure Debt & Dividend Paying Equity	\$235
Tortoise North American Energy Corp.	TYN LISTED NYSE	Midstream/Upstream Equity	\$285				

(1) As of 12/31/13

NTG
LISTED
NYSE



Tortoise MLP Fund, Inc.

...Steady Wins®

Tortoise Capital Advisors, L.L.C.
Investment Adviser to
Tortoise MLP Fund, Inc.