

FIRST TRUST MLP & ENERGY INCOME FUND  
Form N-CSR  
December 28, 2018

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

**FORM N-CSR**

**CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT INVESTMENT COMPANIES**

Investment Company Act file number 811-22738

First Trust MLP and Energy Income Fund  
(Exact name of registrant as specified in charter)

10 Westport Road, Suite C101a

Wilton, CT 06897  
(Address of principal executive offices) (Zip code)

W. Scott Jardine, Esq.  
First Trust Portfolios L.P.  
120 East Liberty Drive, Suite 400  
Wheaton, IL 60187  
(Name and address of agent for service)

registrant's telephone number, including area code: N30-765-8000

Date of fiscal year end: October 31

Date of reporting period: October 31, 2018

Form N-CSR is to be used by management investment companies to file reports with the Commission not later than 10 days after the transmission to stockholders of any report that is required to be transmitted to stockholders under Rule 30e-1 under the Investment Company Act of 1940 (17 CFR 270.30e-1). The Commission may use the information provided on Form N-CSR in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-CSR, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-CSR unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the

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burden to Secretary, Securities and Exchange Commission, 100 F Street, NE, Washington, DC 20549. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. § 3507.

Item 1. Reports to Stockholders.

The Report to Shareholders is attached herewith.

First Trust  
MLP and Energy Income Fund (FEI)  
Annual Report  
For the Year Ended  
October 31, 2018

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First Trust MLP and Energy Income Fund (FEI)

Annual Report

October 31, 2018

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Caution Regarding Forward-Looking Statements

This report contains certain forward-looking statements within the meaning of the Securities Act of 1933, as amended, and the Securities Exchange Act of 1934, as amended. Forward-looking statements include statements regarding the goals, beliefs, plans or current expectations of First Trust Advisors L.P. (“First Trust” or the “Advisor”) and/or Energy Income Partners, LLC (“EIP” or the “Sub-Advisor”) and their respective representatives, taking into account the information currently available to them. Forward-looking statements include all statements that do not relate solely to current or historical fact. For example, forward-looking statements include the use of words such as “anticipate,” “estimate,” “intend,” “expect,” “believe,” “plan,” “may,” “should,” “would” or other words that convey uncertainty of future outcomes.

Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause the actual results, performance or achievements of First Trust MLP and Energy Income Fund (the “Fund”) to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. When evaluating the information included in this report, you are cautioned not to place undue reliance on these forward-looking statements, which reflect the judgment of the Advisor and/or Sub-Advisor and their respective representatives only as of the date hereof. We undertake no obligation to publicly revise or update these forward-looking statements to reflect events and circumstances that arise after the date hereof.

Performance and Risk Disclosure

There is no assurance that the Fund will achieve its investment objective. The Fund is subject to market risk, which is the possibility that the market values of securities owned by the Fund will decline and that the value of the Fund shares may therefore be less than what you paid for them. Accordingly, you can lose money by investing in the Fund. See “Risk Considerations” in the Additional Information section of this report for a discussion of certain other risks of investing in the Fund.

Performance data quoted represents past performance, which is no guarantee of future results, and current performance may be lower or higher than the figures shown. For the most recent month-end performance figures, please visit [www.ftportfolios.com](http://www.ftportfolios.com) or speak with your financial advisor. Investment returns, net asset value and common share price will fluctuate and Fund shares, when sold, may be worth more or less than their original cost. The Advisor may also periodically provide additional information on Fund performance on the Fund’s web page at [www.ftportfolios.com](http://www.ftportfolios.com).

#### How to Read This Report

This report contains information that may help you evaluate your investment in the Fund. It includes details about the Fund and presents data and analysis that provide insight into the Fund’s performance and investment approach. By reading the portfolio commentary by the portfolio management team of the Fund, you may obtain an understanding of how the market environment affected the Fund’s performance. The statistical information that follows may help you understand the Fund’s performance compared to that of relevant market benchmarks. It is important to keep in mind that the opinions expressed by personnel of First Trust and EIP are just that: informed opinions. They should not be considered to be promises or advice. The opinions, like the statistics, cover the period through the date on the cover of this report. The material risks of investing in the Fund are spelled out in the prospectus, the statement of additional information, this report and other Fund regulatory filings.

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Shareholder Letter

First Trust MLP and Energy Income Fund (FEI)

Annual Letter from the Chairman and CEO

October 31, 2018

Dear Shareholders,

First Trust is pleased to provide you with the annual report for the First Trust MLP and Energy Income Fund (the “Fund”), which contains detailed information about the Fund for the twelve months ended October 31, 2018, including a market overview and a performance analysis. We encourage you to read this report carefully and discuss it with your financial advisor.

As I mentioned in my April 2018 letter, 2017 was a very strong year for U.S. and global markets. Investors were rewarded with rising markets and very little volatility. As 2018 began, investors were hoping for another strong year in the markets. For the entire first quarter, however, increased market volatility was the norm for U.S. and global markets. The markets continued their volatility throughout the second quarter. During April and May, the Dow Jones Industrial Average (“DJIA”) closed out each month slightly down, but ended both June and July slightly up. August was a strong month for stocks, and the DJIA finished August just under its previous high in January of 2018. At the close of the third quarter in September, the markets had moved higher into positive territory. In fact, all three major U.S. indices (the Nasdaq Composite Index, the DJIA and the S& P 500® Index) hit record levels during the third quarter. In October, markets were again very volatile, surprising analysts and investors alike. Both global and U.S. markets fell on fears of slowing growth, trade wars and higher interest rates. The DJIA was down 5% for October and the MSCI EAFE Index, an index of stocks in 21 developed markets (excluding the U.S. and Canada), was down 9% for the same period.

Based on continued strong job growth and the economic outlook in the U.S., the Federal Reserve (the “Fed”) raised interest rates in March, June and September. At their September meeting, the Fed also indicated the possibility of one more rate hike in 2018 as well as three more rate hikes in 2019.

Trade tensions have had an impact on markets around the world and could continue to do so in the future. However, our economists believe that the long-term impact of U.S. tariffs will be to encourage countries to come back to the table and talk about more equal trade. Despite market volatility, we continue to believe that the combination of low interest rates, low inflation and strong corporate earnings still point to a positive economic environment and further growth, though we understand that past performance can never guarantee future performance.

We continue to believe that you should invest for the long term and be prepared for market movements, which can happen at any time. You can do this by keeping current on your portfolio and by speaking regularly with your investment professional. Markets go up and they also go down, but savvy investors are prepared for either through careful attention to investment goals.

Thank you for giving First Trust the opportunity to be a part of your financial plan. We value our relationship with you and will report on the Fund again in six months.

Sincerely,

James A. Bowen

Chairman of the Board of Trustees

Chief Executive Officer of First Trust Advisors L.P.

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First Trust MLP and Energy Income Fund (FEI)

“AT A GLANCE”

As of October 31, 2018 (Unaudited)

**Fund Statistics**

Symbol on New York Stock Exchange	FEI
Common Share Price	\$11.14
Common Share Net Asset Value (“NAV”)	\$12.19
Premium (Discount) to NAV	(8.61)%
Net Assets Applicable to Common Shares	\$572,827,781
Current Distribution per Common Share <sup>(1)</sup>	\$0.1000
Current Annualized Distribution per Common Share	\$1.2000
Current Distribution Rate on Common Share Price <sup>(2)</sup>	10.77%
Current Distribution Rate on NAV <sup>(2)</sup>	9.84%
Common Share Price & NAV (weekly closing price)	

**Performance**

	Average Annual Total Return		
	1 Year Ended 10/31/18	5 Years Ended 10/31/18	Inception (11/27/12) to 10/31/18
<b>Fund Performance<sup>(3)</sup></b>			
NAV	-6.22%	-1.95%	0.60%
Market Value	-14.71%	-2.57%	-1.69%
<b>Index Performance</b>			
S&P 500 <sup>®</sup> Index	7.35%	11.33%	14.15%
Alerian MLP Total Return Index	0.68%	-4.83%	-0.85%
Wells Fargo Midstream MLP Total Return Index	1.65%	-2.06%	2.10%

Industry Classification	% of Total Investments
Natural Gas Transmission	29.0%
Petroleum Product Transmission	25.8
Crude Oil Transmission	17.5
Electric Power & Transmission	14.9
Propane	4.5
Coal	3.2
Natural Gas Gathering & Processing	2.7
Oil & Gas Production	1.4
Other	1.0
Total	100.0%

Top Ten Holdings	% of Total Investments
Enterprise Products Partners, L.P.	12.0%
Enbridge Energy Partners, L.P.	6.7
Magellan Midstream Partners, L.P.	6.7
Kinder Morgan, Inc.	5.7
TransCanada Corp.	5.4
Energy Transfer Equity, L.P.	5.1

TC PipeLines, L.P.	5.0
Williams (The) Cos., Inc.	4.4
Plains All American Pipeline, L.P.	4.0
Holly Energy Partners, L.P.	4.0
Total	59.0%

(1) Most recent distribution paid or declared through 10/31/2018. Subject to change in the future.

(2) Distribution rates are calculated by annualizing the most recent distribution paid or declared through the report date and then dividing by Common Share Price or NAV, as applicable, as of 10/31/2018. Subject to change in the future.

(3) Total return is based on the combination of reinvested dividend, capital gain, and return of capital distributions, if any, at prices obtained by the Dividend Reinvestment Plan and changes in NAV per share for NAV returns and changes in Common Share Price for market value returns. Total returns do not reflect sales load and are not annualized for periods of less than one year. Past performance is not indicative of future results.

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Portfolio Commentary

First Trust MLP and Energy Income Fund (FEI)

Annual Report

October 31, 2018 (Unaudited)

Advisor

First Trust Advisors L.P. (“First Trust” or the “Advisor”) serves as the investment advisor to the First Trust MLP and Energy Income Fund (the “Fund”). First Trust is responsible for the ongoing monitoring of the Fund’s investment portfolio, managing the Fund’s business affairs and providing certain administrative services necessary for the management of the Fund.

Sub-Advisor

Energy Income Partners, LLC

Energy Income Partners, LLC (“EIP”), located in Westport, CT, was founded in 2003 to provide professional asset management services in the area of energy-related master limited partnerships (“MLPs”) and other high-payout securities such as pipeline companies, power utilities, YieldCos and energy infrastructure real estate investment trusts (“REITs”). EIP mainly focuses on investments in energy-related infrastructure assets such as pipelines, power transmission and distribution, petroleum storage and terminals that receive fee-based or regulated income from their corporate and individual customers. EIP manages or supervises approximately \$5.8 billion of assets as of October 31, 2018. EIP advises two privately offered partnerships for U.S. high net worth individuals and an open-end mutual fund. EIP also manages separately managed accounts and provides its model portfolio to unified managed accounts. Finally, EIP serves as a sub-advisor to three closed-end management investment companies in addition to the Fund, an actively managed exchange-traded fund (“ETF”), a sleeve of an actively managed ETF, a sleeve of a series of variable insurance trust, and an open-end UCITS fund incorporated in Ireland. EIP is a registered investment advisor with the Securities and Exchange Commission.

Portfolio Management Team

James J. Murchie – Co-Portfolio Manager, Founder and CEO of Energy Income Partners, LLC

Eva Pao – Co-Portfolio Manager, Principal of Energy Income Partners, LLC

John Tysseland – Co-Portfolio Manager, Principal of Energy Income Partners, LLC

Commentary

First Trust MLP and Energy Income Fund

The Fund’s investment objective is to seek a high level of total return with an emphasis on current distributions paid to common shareholders. Under normal market conditions, the Fund invests at least 85% of its managed assets in equity and debt securities of publicly traded MLPs, MLP-related entities and other energy sector and energy utility companies that EIP believes offer opportunities for growth and income. There can be no assurance that the Fund’s investment objective will be achieved. The Fund may not be appropriate for all investors.

Market Recap

As measured by the Alerian MLP Total Return Index (“AMZX”) and the Wells Fargo Midstream MLP Total Return Index (“WCHWMIDT”) (collectively the “MLP benchmarks”), the total returns for the energy-related MLP benchmarks for the 12 months ended October 31, 2018 were 0.68% and 1.65%, respectively. For AMZX, these returns reflect a positive 7.69% from distribution payments, while the remaining returns are due to share price depreciation. For WCHWMIDT, these returns reflect a positive 7.59% from distribution payments, while the remaining returns are due to share price depreciation. These figures are according to data collected from several sources, including the MLP benchmarks and Bloomberg. While in the short term, market share price appreciation can be volatile, we believe that over the long term, share price appreciation will approximate growth in per share quarterly cash distributions paid by MLPs.

Performance Analysis

On a net asset value (“NAV”) basis, for the 12-month period ended October 31, 2018, the Fund provided a total return of -6.22%, including the reinvestment of dividends. This compares, according to collected data, to a total return of 7.35% for the S&P 500<sup>®</sup> Index (the “Index”), 0.68% for AMZX and 1.65% for WCHWMIDT. On a market value basis, the Fund had a total return<sup>1</sup>, including the reinvestment of dividends, of -14.71% for the 12-month period ended October 31, 2018. At the end of the period, the Fund was priced at \$11.14, while the NAV was \$12.19, a discount of

8.61%. On October 31, 2017, the Fund was priced at \$14.49, while the NAV was \$14.42, a premium of 0.49%.

Total return is based on the combination of reinvested dividend, capital gain and return of capital distributions, if any, at prices obtained by the Dividend Reinvestment Plan, changes in NAV per Common Share for NAV returns and changes in Common Share price for market value returns. Total returns do not reflect a sales load. Past performance is not indicative of future results.

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Portfolio Commentary (Continued)

First Trust MLP and Energy Income Fund (FEI)

Annual Report

October 31, 2018 (Unaudited)

The Fund's regular monthly Common Share distribution was \$0.1183 for the period November 2017 through August 2018 and \$0.10 for the period September 2018 through October 2018.

For the 12-month period ended October 31, 2018, the Fund's NAV underperformed the 1.16% average of the MLP benchmarks by 738 basis points ("bps"). Generally, the Fund underperformed the MLP benchmarks in part due to overweight positions in regulated pipeline MLPs and underweight positions in cyclical MLPs. Regulated pipeline MLPs underperformed following a regulatory change as described in more detail below, while sentiment improved for the more cyclical MLPs supported by stronger crude oil prices, natural gas prices, and location differentials. Despite the Fund's relative performance for the period, we still believe long term performance for long-lived energy infrastructure assets that have stable non-cyclical cash flows, such as regulated pipelines and power transmission that are legal or natural monopolies will be favorable. Nonetheless, the recent underperformance of regulated pipelines owned by MLPs and their Canadian Sponsors relative to the MLP benchmarks was due to the Federal Energy Regulatory Commission's (FERC) revised policy on Income Tax Allowance (ITA) for pipelines held by partnerships (the "Revised Policy Statement"). The Revised Policy Statement denying recovery of an ITA by most partnership-owned pipelines was one of the rare occasions when owning true regulated monopolies hurt performance. Two important factors affecting the return of the Fund, relative to the average of the MLP benchmarks, are the Fund's accrual for taxes and the use of financial leverage through a line of credit. The Fund established a committed facility agreement with The Bank of Nova Scotia with a current maximum commitment amount of \$270,000,000. The Fund uses leverage because its portfolio managers believe that, over time, leverage can enhance total return for common shareholders. However, the use of leverage can also increase the volatility of the NAV and, therefore, the share price. For example, if the prices of securities held by the Fund decline, the effect of changes in common share NAV and common share total return loss would be magnified by the use of leverage. Conversely, leverage may enhance common share returns during periods when the prices of securities held by the Fund generally are rising. Unlike the Fund, the MLP benchmarks are not leveraged, nor are their returns net of an accrual for taxes. Leverage had a negative impact on the performance of the Fund over the reporting period. The accrual for taxes had a positive impact on the performance of the Fund over the reporting period. In addition, as a result of the "Tax Cuts and Jobs Act of 2017," which lowered federal corporate tax rates from 35% to 21%, an adjustment was made to the accrual for taxes in December 2017 which resulted in a positive increase on performance.

Market and Fund Outlook

Many of the assets held by MLPs were originally constructed decades ago by pipeline and power utilities. When the U.S. deregulated much of the energy industry, these utilities became cyclical commodity companies with too much debt and the resulting financial stress caused divestment of their pipeline assets to the MLP space that was trading at higher valuations. We believe the reverse trend is happening today. Corporate consolidations and simplifications are part of that trend. Corporate simplifications involving pipeline companies and their associated MLPs began late in 2014 and have continued in 2018. These simplifications involve the acquisition of the subsidiary MLP by the C-Corp parent as well as MLPs choosing to become taxable corporations. In our opinion, we believe that the continuation of this trend is supported by FERC's Revised Policy Statement described above.

While MLPs represented a way for the industry to lower its cost of financing between 2004 through 2014, the severe correction in the price of crude oil in 2014 caused a collapse in MLP valuations as much of the AMZX had become exposed to commodity prices between 2004 and 2014. MLP distribution cuts and even some bankruptcies followed. Over the last four years, about 49% of the MLPs in the AMZX have cut or eliminated their dividends<sup>2</sup>. Now, MLPs in the AMZX trade at valuations that are about 42% lower than 2014, while, during the same time period, the valuation multiples of non-MLP energy infrastructure companies like utilities have risen. (Source: Alerian, Bloomberg L.P., FactSet Research Systems Inc.) MLPs are now in many cases a higher-cost way of financing these industries; the reverse of the conditions that led to the growth of the asset class in the early part of the last decade. As a result, we are now witnessing the consolidation or simplification of corporate structures where the MLP sleeve of capital is being eliminated when it no longer reduces a company's cost of equity financing.

While some stand-alone pipeline companies are now seeking a lower cost of financing outside of the MLP structure, some cyclical companies continue to use the MLP structure to finance non-cyclical assets through sponsored entities. In most cases, these sponsored entities formed as MLPs still trade at higher multiples compared to companies in cyclical industries such as refining, oil and gas production, and petrochemicals. Therefore, some of these cyclical energy companies still have an opportunity to lower their financing costs by divesting stable assets, such as pipelines and related storage facilities, to an MLP subsidiary as a method to reduce the overall company's cost of equity financing. The number and size of these sponsored entities has continued to grow with initial public offerings in 2017, while the number of stand-alone MLPs have declined. (Source: U.S. Capital Advisors) Whether from the perspective of a diversified energy company seeking to lower its overall financing costs or the energy industry in its entirety, we believe it is fair to say that generally MLPs are created when they lower the cost of equity financing and eliminated when they don't.

<sup>2</sup>Source: Bloomberg L.P. and FactSet Research Systems Inc.

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Portfolio Commentary (Continued)

First Trust MLP and Energy Income Fund (FEI)

Annual Report

October 31, 2018 (Unaudited)

Historically, the pipeline utility industry moves in very long cycles and the cycle that saw most of U.S. pipeline assets move to the MLP space due to the MLP being a superior financing tool is reversing. In our view, the investment merits of owning these assets (stable, slow-growing earnings with a high dividend payout ratio) have not changed. The Fund continues to seek to invest primarily in energy infrastructure companies, including MLPs with mostly non-cyclical cash flows, investment-grade ratings, conservative balance sheets, modest and/or flexible organic growth commitments and liquidity on their revolving lines of credit. Non-cyclical cash flows are, in our opinion, a good fit with a steady anticipated dividend distribution that is meant to be most or all of an energy infrastructure company's free cash flow.

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First Trust MLP and Energy Income Fund (FEI)

Portfolio of Investments

October 31, 2018

Shares/ Units	Description	Value
MASTER LIMITED PARTNERSHIPS (a) – 84.8%		
	Chemicals – 0.3%	
63,300	Westlake Chemical Partners, L.P.	\$1,465,395
	Gas Utilities – 5.0%	
671,674	AmeriGas Partners, L.P.	23,945,178
205,000	Suburban Propane Partners, L.P.	4,684,250
		28,629,428
	Independent Power and Renewable Electricity Producers – 4.1%	
33,311	Brookfield Renewable Partners, L.P. (CAD)	907,895
495,101	NextEra Energy Partners, L.P. (b)	22,541,949
		23,449,844
	Oil, Gas & Consumable Fuels – 75.4%	
1,240,625	Alliance Resource Partners, L.P.	23,807,594
351,893	BP Midstream Partners, L.P.	6,422,047
180,000	Buckeye Partners, L.P.	5,905,800
4,738,025	Enbridge Energy Partners, L.P.	50,033,544
2,480,240	Energy Transfer, L.P. (c)	38,542,929
3,338,341	Enterprise Products Partners, L.P. (c)	89,534,306
276,800	EQM Midstream Partners, L.P.	12,707,888
1,027,407	Holly Energy Partners, L.P.	29,918,092
809,330	Magellan Midstream Partners, L.P. (c)	49,919,474
225,000	MPLX, L.P.	7,562,250
211,200	Phillips 66 Partners, L.P.	10,329,792
1,384,000	Plains All American Pipeline, L.P. (c)	30,129,680
378,000	Shell Midstream Partners, L.P.	7,726,320

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210,306	Spectra Energy Partners, L.P.	7,255,557
1,229,404	TC PipeLines, L.P.	37,804,173
121,400	TransMontaigne Partners, L.P.	4,610,772
106,000	Valero Energy Partners, L.P.	4,449,880
267,000	Western Gas Equity Partners, L.P.	7,678,920
192,400	Western Gas Partners, L.P.	7,611,344
	Total Master Limited Partnerships	431,950,362
		485,495,029
	(Cost \$429,897,987)	
	COMMON STOCKS (a) – 45.5%	
	Electric Utilities – 9.9%	
29,847	Duke Energy Corp.	2,466,258
142,600	Emera, Inc. (CAD)	4,400,024
115,000	Eversource Energy	7,274,900
418,650	Exelon Corp. (c)	18,341,057
30,599	Hydro One Ltd. (CAD) (d)	445,114
64,000	NextEra Energy, Inc. (c)	11,040,000
313,800	PPL Corp. (c)	9,539,520
68,300	Xcel Energy, Inc. (c)	3,347,383
		56,854,256
	Gas Utilities – 1.2%	
9,233	Atmos Energy Corp.	859,408
11,900	Chesapeake Utilities Corp.	945,455
97,024	UGI Corp.	5,148,093
		6,952,956
	Multi-Utilities – 5.9%	
120,700	CMS Energy Corp. (c)	5,977,064

See Notes to Financial Statements

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First Trust MLP and Energy Income Fund (FEI)

Portfolio of Investments (Continued)

October 31, 2018

Shares/ Units	Description	Value
COMMON STOCKS (a) (Continued)		
Multi-Utilities (Continued)		
167,850	National Grid PLC, ADR	\$8,979,975
280,000	Public Service Enterprise Group, Inc. (c)	14,960,400
36,000	Sempra Energy (c)	3,964,320
		33,881,759
Oil, Gas & Consumable Fuels – 28.5%		
501,400	Enbridge Income Fund Holdings, Inc. (CAD)	11,605,194
307,000	EQT Corp. (c)	10,428,790
463,700	Inter Pipeline, Ltd. (CAD)	7,520,221
167,496	Keyera Corp. (CAD)	4,173,245
2,503,543	Kinder Morgan, Inc. (c)	42,610,302
204,347	ONEOK, Inc. (c)	13,405,163
1,072,686	TransCanada Corp. (c)	40,461,716
1,358,247	Williams (The) Cos., Inc. (c)	33,046,150
		163,250,781
	Total Common Stocks	260,939,752
	(Cost \$266,252,537)	
REAL ESTATE INVESTMENT TRUSTS (a) – 0.4%		
Equity Real Estate Investment Trusts – 0.4%		
31,540	CorEnergy Infrastructure Trust, Inc.	1,139,540
57,691	InfraREIT, Inc.	1,212,665
	Total Real Estate Investment Trusts	2,352,205
	(Cost \$1,927,377)	
	Total Investments – 130.7%	748,786,986
	(Cost \$698,077,901) (e)	

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Number of Contracts	Description	Notional Amount	Exercise Price	Expiration Date	Value
CALL OPTIONS WRITTEN – (0.5)%					
1,207	<u>CMS Energy Corp.</u>	\$5,977,064	\$50.00	Dec 2018	(131,563)
3,000	<u>Energy Transfer, L.P.</u>	4,662,000	17.00	Dec 2018	(75,000)
4,000	<u>Enterprise Products Partners, L.P.</u>	10,728,000	28.00	Dec 2018	(240,000)
4,900	<u>Enterprise Products Partners, L.P.</u>	13,141,800	31.00	Jan 2019	(63,700)
2,824	<u>EQT Corp.</u>	9,593,128	42.50	Dec 2018	(59,304)
246	<u>EQT Corp. (f)</u>	835,662	52.50	Dec 2018	(1,230)
4,186	<u>Exelon Corp.</u>	18,338,866	45.00	Nov 2018	(104,650)
1,500	<u>Kinder Morgan, Inc.</u>	2,553,000	19.00	Dec 2018	(15,000)
6,500	<u>Kinder Morgan, Inc.</u>	11,063,000	18.00	Jan 2019	(279,500)
3,327	<u>Magellan Midstream Partners, L.P.</u>	20,520,936	67.50	Jan 2019	(182,985)
640	<u>NextEra Energy, Inc.</u>	11,040,000	175.00	Nov 2018	(115,200)
2,043	<u>ONEOK, Inc.</u>	13,402,080	70.00	Dec 2018	(132,795)
2,280	<u>Plains All American Pipeline, L.P.</u>	4,963,560	26.00	Nov 2018	(79,800)
5,460	<u>Plains All American Pipeline, L.P. (f)</u>	11,886,420	29.00	Nov 2018	(27,300)
5,600	<u>Plains All American Pipeline, L.P.</u>	12,191,200	25.00	Dec 2018	(140,000)
3,138	<u>PPL Corp.</u>	9,539,520	31.00	Jan 2019	(247,902)
2,800	<u>Public Service Enterprise Group, Inc.</u>	14,960,400	55.00	Dec 2018	(238,000)
360	<u>Sempra Energy</u>	3,964,320	120.00	Dec 2018	(13,500)
1,364	<u>TransCanada Corp.</u>	5,145,008	47.50	Nov 2018	(298)
4,000	<u>TransCanada Corp.</u>	15,088,000	40.00	Dec 2018	(210,000)
1,400	<u>TransCanada Corp.</u>	5,280,800	45.00	Feb 2019	(18,200)

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2,194	<u>Williams (The) Cos., Inc.</u>	5,338,002	29.00	Nov 2018	(6,582)
224	<u>Williams (The) Cos., Inc.</u>	544,992	32.00	Nov 2018	(448)
5,000	<u>Williams (The) Cos., Inc.</u>	12,165,000	26.00	Dec 2018	(215,000)

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First Trust MLP and Energy Income Fund (FEI)

Portfolio of Investments (Continued)

October 31, 2018

Number of Contracts	Description	Notional Amount	Exercise Price	Expiration Date	Value
CALL OPTIONS WRITTEN (Continued)					
240	<u>Williams (The) Cos., Inc.</u>	\$583,920	\$47.50	Dec 2018	\$(3,755)
683	<u>Xcel Energy, Inc.</u>	3,347,383	50.00	Dec 2018	(52,932)
	Total Call Options Written				<u>(2,654,644)</u>
	(Premiums received \$2,798,309)				

Outstanding Loans – (36.0)% (206,500,000)

Net Other Assets and Liabilities – 5.8% 33,195,439

Net Assets – 100.0% \$572,827,781

## Interest Rate Swap Agreements:

Counterparty	Floating Rate <sup>(1)</sup>	Expiration Date	Notional Amount	Fixed Rate <sup>(1)</sup>	Unrealized Appreciation (Depreciation)/ Value
Bank of Nova Scotia	1 month LIBOR	09/03/24	\$97,000,000	2.367%	\$3,342,338
Bank of Nova Scotia	1 month LIBOR	10/08/23	77,250,000	2.734%	876,339
			\$174,250,000		\$4,218,677

The Fund pays the fixed rate and receives the floating rate, however, no cash payments are made by either party <sup>(1)</sup>prior to the expiration dates shown above. The floating rate on October 31, 2018 was 2.265% and 2.281%, respectively.

(a) All of these securities are available to serve as collateral for the outstanding loans.

(b) NextEra Energy Partners, L.P. is taxed as a “C” corporation for federal income tax purposes.

(c) All or a portion of this security’s position represents cover for outstanding options written.

This security is restricted in the U.S. and cannot be offered for public sale without first being registered under the Securities Act of 1933, as amended. This security is not restricted on the foreign exchange where it trades freely without any additional registration. As such, it does not require the additional disclosure required of restricted securities.

(d) Aggregate cost for federal income tax purposes was \$585,055,878. As of October 31, 2018, the aggregate gross unrealized appreciation for all investments in which there was an excess of value over tax cost was \$203,613,908 (e) and the aggregate gross unrealized depreciation for all investments in which there was an excess of tax cost over value was \$38,318,767. The net unrealized appreciation was \$165,295,141. The amounts presented are inclusive of derivative contracts.

(f) This investment is fair valued by the Advisor’s Pricing Committee in accordance with procedures adopted by the

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Fund's Board of Trustees, and in accordance with the provisions of the Investment Company Act of 1940, as amended. At October 31, 2018, investments noted as such are valued at \$(28,530) or (0.0)% of net assets.

ADR American Depositary Receipt

CAD Canadian Dollar - Security is denominated in Canadian Dollars and is translated into U.S. Dollars based upon the current exchange rate.

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First Trust MLP and Energy Income Fund (FEI)

Portfolio of Investments (Continued)

October 31, 2018

## Valuation Inputs

A summary of the inputs used to value the Fund's investments as of October 31, 2018 is as follows (see Note 2A - Portfolio Valuation in the Notes to Financial Statements):

## ASSETS TABLE

	Total Value at 10/31/2018	Level 1 Quoted Prices	Level 2 Significant Observable Inputs	Level 3 Significant Unobservable Inputs
<u>Master Limited Partnerships*</u>	\$ 485,495,025	\$ 485,495,025	\$ —	\$ —
<u>Common Stocks*</u>	260,939,752	260,939,752	—	—
<u>Real Estate Investment Trusts*</u>	2,352,205	2,352,205	—	—
<u>Total Investments</u>	748,786,986	748,786,986	—	—
<u>Interest Rate Swap Agreements</u>	4,218,677	—	4,218,677	—
<u>Total</u>	\$ 753,005,668	\$ 748,786,986	\$ 4,218,677	\$ —

## LIABILITIES TABLE

	Total Value at 10/31/2018	Level 1 Quoted Prices	Level 2 Significant Observable Inputs	Level 3 Significant Unobservable Inputs
<u>Call Options Written</u>	\$ (2,654,644)	\$ (2,345,629)	\$ (309,015)	\$ —

\* See Portfolio of Investments for industry breakout.

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First Trust MLP and Energy Income Fund (FEI)

Statement of Assets and Liabilities

October 31, 2018

## ASSETS:

Investments, at value

(Cost \$698,077,901)	\$ 748,786,986
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Cash	26,433,128
------	------------

Cash segregated as collateral for open swap contracts	1,142,936
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Swap contracts, at value	4,218,677
--------------------------	-----------

## Receivables:

Dividends	3,983,114
-----------	-----------

Income taxes	2,362,919
--------------	-----------

Investment securities sold	775,230
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Prepaid expenses	6,423
------------------	-------

Total Assets	787,709,413
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## LIABILITIES:

Outstanding loans	206,500,000
-------------------	-------------

Deferred income taxes	3,774,118
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Options written, at value (Premiums received \$2,798,309)	2,654,644
---	-----------

## Payables:

Investment advisory fees	691,669
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Investment securities purchased	484,972
---------------------------------	---------

Interest and fees on loans	483,007
----------------------------	---------

Audit and tax fees	98,997
--------------------	--------

Offering costs	89,026
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Shareholder reporting fees	41,347
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Administrative fees	34,783
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Custodian fees	21,693
Legal fees	1,835
Transfer agent fees	1,776
Trustees' fees and expenses	1,477
Financial reporting fees	771
Other liabilities	1,517
Total Liabilities	214,881,632
NET ASSETS	\$572,827,781
NET ASSETS consist of:	
Paid-in capital	\$ 596,169,970
Par value	470,072
Accumulated distributable earnings (loss)	(23,812,261)
NET ASSETS	\$572,827,781
NET ASSET VALUE, per Common Share (par value \$0.01 per Common Share)	\$12.19
Number of Common Shares outstanding (unlimited number of Common Shares has been authorized)	47,007,240

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First Trust MLP and Energy Income Fund (FEI)

Statement of Operations

For the Year Ended October 31, 2018

## INVESTMENT INCOME:

Dividends (net of foreign withholding tax of \$765,952)	\$ 14,794,171
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Interest	91,260
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Total investment income	14,885,431
-------------------------	------------

## EXPENSES:

Investment advisory fees	8,480,642
--------------------------	-----------

Interest and fees on loans	5,860,018
----------------------------	-----------

Administrative fees	389,301
---------------------	---------

At the market offering costs	271,861
------------------------------	---------

Shareholder reporting fees	139,555
----------------------------	---------

Audit and tax fees	99,276
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Custodian fees	84,216
----------------	--------

Listing expense	38,773
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Legal fees	35,946
------------	--------

Transfer agent fees	20,672
---------------------	--------

Trustees' fees and expenses	16,908
-----------------------------	--------

Financial reporting fees	9,250
--------------------------	-------

Other	52,885
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Total expenses	15,499,303
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NET INVESTMENT INCOME (LOSS) BEFORE TAXES	(613,872)
---	-----------

Current state income tax benefit (expense)	(125,487)
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Current federal income tax benefit (expense)	(692,463)
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Deferred federal income tax benefit (expense)	13,103,274
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Deferred state income tax benefit (expense)	(2,656,982)
<u>Total income tax benefit (expense)</u>	<u>9,628,342</u>
NET INVESTMENT INCOME (LOSS)	9,014,470
<u>NET REALIZED AND UNREALIZED GAIN (LOSS):</u>	
Net realized gain (loss) before taxes on:	
Investments	13,360,212
<u>Written options</u>	<u>5,185,864</u>
<u>Swap contracts</u>	<u>(1,351,708)</u>
<u>Foreign currency transactions</u>	<u>(85,460)</u>
<u>Net realized gain (loss) before taxes</u>	<u>17,108,908</u>
<u>Deferred federal income tax benefit (expense)</u>	<u>(3,911,408)</u>
<u>Deferred state income tax benefit (expense)</u>	<u>(482,484)</u>
<u>Total income tax benefit (expense)</u>	<u>(4,393,892)</u>
<u>Net realized gain (loss) on investments, written options, swap contracts and foreign currency transactions</u>	<u>12,715,016</u>
<u>Net increase from payment by the sub-advisor before taxes</u>	<u>16,263</u>
<u>Deferred federal income tax benefit (expense)</u>	<u>(3,718)</u>
<u>Deferred state income tax benefit (expense)</u>	<u>(459)</u>
<u>Total income tax benefit (expense)</u>	<u>(4,177)</u>
<u>Net increase from payment by the sub-advisor</u>	<u>12,086</u>
Net change in unrealized appreciation (depreciation) before taxes on:	
Investments	(88,644,449)
<u>Written options</u>	<u>(1,303,828)</u>
<u>Swap contracts</u>	<u>9,187,055</u>
<u>Foreign currency translation</u>	<u>2,039</u>
	(80,759,183)

Net change in unrealized appreciation (depreciation)  
before taxes

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Deferred federal income tax benefit (expense)	16,959,428
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Deferred state income tax benefit (expense)	2,277,471
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Total income tax benefit (expense)	19,236,899
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Net change in unrealized appreciation (depreciation) on investments, written options, swap contracts and foreign currency translation	(61,522,284)
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NET REALIZED AND UNREALIZED GAIN (LOSS)	(48,795,182)
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NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS	\$(39,780,712)
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First Trust MLP and Energy Income Fund (FEI)  
Statements of Changes in Net Assets

	Year Ended 10/31/2018	Year Ended 10/31/2017
<b>OPERATIONS:</b>		
Net investment income (loss)	\$ 9,014,470	\$ 1,790,459
Net realized gain (loss)	12,715,016	11,470,302
Net increase from payment by the sub-advisor	12,086	—
Net change in unrealized appreciation (depreciation)	(61,522,284)	5,111,358
Net increase (decrease) in net assets resulting from operations	(39,780,712)	18,372,119
<b>DISTRIBUTIONS TO SHAREHOLDERS FROM:</b>		
Investment operations	(25,679,860)	
Net investment income		(31,266,683)
Return of capital	(39,127,186)	(33,695,014)
Total distributions to shareholders	(64,807,046)	(64,961,697)
<b>CAPITAL TRANSACTIONS:</b>		
Proceeds from Common Shares sold through at the market offerings	2,286,091	12,935,919
Proceeds from Common Shares reinvested	2,756,621	4,569,078
Net increase (decrease) in net assets resulting from capital transactions	5,042,712	17,504,997
Total increase (decrease) in net assets	(99,545,046)	(29,084,581)
<b>NET ASSETS:</b>		
Beginning of period	672,372,827	701,457,408
End of period	\$ 572,827,781	\$ 672,372,827
Accumulated net investment income (loss), net of income taxes at end of period		\$(32,486,567)
<b>CAPITAL TRANSACTIONS were as follows:</b>		
Common Shares at beginning of period	46,637,670	45,485,318
Common Shares sold through at the market offerings	169,204	853,466
Common Shares issued as reinvestment under the Dividend Reinvestment Plan	200,366	298,886

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Common Shares at end of period	47,007,240	46,637,670
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First Trust MLP and Energy Income Fund (FEI)

Statement of Cash Flows

For the Year Ended October 31, 2018

Cash flows from operating activities:

Net increase (decrease) in net assets resulting from operations	\$(39,780,712)
Adjustments to reconcile net increase (decrease) in net assets resulting from operations to net cash provided by operating activities:	
Purchases of investments	(382,291,308)
Sales of investments	425,809,737
Proceeds from written options	15,865,824
Amount paid to close written options	(8,576,995)
Return of capital received from investment in MLPs	38,667,201
Net realized gain/loss on investments and written options	(18,546,076)
Net change in unrealized appreciation/depreciation on investments and written options	89,948,277
Net change in unrealized appreciation/depreciation on swap contracts	(9,187,055)
Net increase from payment by the sub-advisor	(16,263)
Decrease in cash segregated as collateral for open swap contracts	11,101,709
Decrease in deferred income tax payable	(25,285,122)
Changes in assets and liabilities:	
Increase in income tax receivable	(2,362,919)
Increase in dividends receivable	(1,018,591)
Decrease in prepaid expenses	146,298
Increase in interest and fees payable on loans	455,512
Decrease in income tax payable	(4,787,888)
Decrease in investment advisory fees payable	(84,604)
Decrease in audit and tax fees payable	(3)
Decrease in legal fees payable	(2,305)

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Decrease in shareholder reporting fees payable	(2,101)	
Decrease in administrative fees payable	(4,045)	
Decrease in custodian fees payable	(3,311)	
Decrease in transfer agent fees payable	(1,609)	
Increase in Trustees' fees and expenses payable	105	
Increase in other liabilities payable	983	
Cash provided by operating activities		\$90,044,739
Cash flows from financing activities:		
Proceeds from Common Shares sold, net of offering costs	2,404,159	
Proceeds from Common Shares reinvested	2,756,621	
Distributions to Common Shareholders from investment operations	(25,679,860)	
Distributions to Common Shareholders from return of capital	(39,127,186)	
Repayment of borrowings	(70,000,000)	
Proceeds from borrowings	41,000,000	
Cash used in financing activities		(88,646,266)
Increase in cash		1,398,473
Cash at beginning of period		25,034,655
Cash at end of period		\$26,433,128
Supplemental disclosure of cash flow information:		
Cash paid during the period for interest and fees		\$5,404,506
Cash paid during the period for taxes		\$7,968,757

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First Trust MLP and Energy Income Fund (FEI)

Financial Highlights

For a Common Share outstanding throughout each period

	Year Ended October 31,				
	2018	2017	2016	2015	2014
Net asset value, beginning of period	\$ 14.42	\$ 15.42	\$ 17.37	\$ 23.27	\$ 20.80
Income from investment operations:					
Net investment income (loss)	0.20	0.05	(0.05)	0.07	(0.03)
Net realized and unrealized gain (loss)	(1.05)	0.36	(0.48)	(4.59)	3.83
Total from investment operations	(0.85)	0.41	(0.53)	(4.52)	3.80
Distributions paid to shareholders from:					
Net investment income	—	(0.68)	—	—	—
Net realized gain	(0.55)	—	—	—	—
Return of capital	(0.83)	(0.74)	(1.42)	(1.38)	(1.33)
Total distributions paid to Common Shareholders	(1.38)	(1.42)	(1.42)	(1.38)	(1.33)
Premiums from shares sold in at the market offering	0.00 (a)	0.01	—	—	—
Net asset value, end of period	\$12.19	\$14.42	\$15.42	\$17.37	\$23.27
Market value, end of period	\$11.14	\$14.49	\$15.66	\$16.86	\$21.61
Total return based on net asset value (b)	(6.22)%	(c)2.56%	(1.57)%	(c)(19.82)%	19.43%
Total return based on market value (b)	(14.71)%	1.48%	2.98%	(16.20)%	17.52%
Net assets, end of period (in 000's)	\$ 572,828	\$ 672,373	\$ 701,457	\$ 789,061	\$ 1,057,317
Portfolio turnover rate	45%	50%	68%	32%	34%
Ratios of expenses to average net assets:					
Including current and deferred income taxes (d)	(1.42)%	3.22%	(0.11)%	(10.66)%	11.28%
Excluding current and deferred income taxes	2.46%	2.11%	1.88%	1.74%	1.79%
Excluding current and deferred income taxes and interest expense	1.53%	1.48%	1.47%	1.45%	1.51%
Ratios of net investment income (loss) to average net assets:					
Net investment income (loss) ratio before tax expenses	(0.10)%	0.09%	(0.17)%	0.54%	(0.24)%



Net investment income (loss) ratio including tax expenses (d)	3.79%	(1.02)%	1.82%	12.93%	(9.74)%
Indebtedness:					
Total loans outstanding (in 000's)	\$ 206,500	\$ 235,500	\$ 222,500	\$ 275,000	\$ 350,000
Asset coverage per \$1,000 of indebtedness (e)	\$ 3,774	\$ 3,855	\$ 4,153	\$ 3,869	\$ 4,021

(a) Amount is less than \$0.01.

Total return is based on the combination of reinvested dividend, capital gain and return of capital distributions, if any, at prices obtained by the Dividend Reinvestment Plan, and changes in net asset value per share for net asset

(b) value returns and changes in Common Share Price for market value returns. Total returns do not reflect sales load and are not annualized for periods of less than one year. Past performance is not indicative of future results.

During the years ended October 31, 2018 and 2016, the Fund received a reimbursement from the sub-advisor in the amount of \$16,263 and \$23,511, respectively, in connection with trade errors, which represents less than \$0.01 per share. Since the sub-advisor reimbursed the Fund, there was no effect on the total return.

(c) Includes current and deferred income taxes associated with each component of the Statement of Operations.

(d) Calculated by subtracting the Fund's total liabilities (not including the loans outstanding) from the Fund's total assets, and dividing by the outstanding loans balance in 000's.

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First Trust MLP and Energy Income Fund (FEI)

October 31, 2018

1. Organization

First Trust MLP and Energy Income Fund (the “Fund”) is a non-diversified, closed-end management investment company organized as a Massachusetts business trust on August 17, 2012, and is registered with the Securities and Exchange Commission (“SEC”) under the Investment Company Act of 1940, as amended (the “1940 Act”). The Fund trades under the ticker symbol FEI on the New York Stock Exchange (“NYSE”).

The Fund’s investment objective is to seek a high level of total return with an emphasis on current distributions paid to common shareholders. The Fund seeks to provide its common shareholders with a vehicle to invest in a portfolio of cash-generating securities, with a focus on investing in publicly traded master limited partnerships (“MLPs”), MLP-related entities and other companies in the energy sector and energy utility industries. The Fund, under normal market conditions, invests at least 85% of its managed assets in equity and debt securities of MLPs, MLP-related entities and other energy sector and energy utility companies that Energy Income Partners, LLC (“EIP” or the “Sub-Advisor”) believes offer opportunities for growth and income. There can be no assurance that the Fund will achieve its investment objective. The Fund may not be appropriate for all investors.

2. Significant Accounting Policies

The Fund is considered an investment company and follows accounting and reporting guidance under Financial Accounting Standards Board (“FASB”) Accounting Standards Codification (“ASC”) Topic 946, “Financial Services-Investment Companies.” The following is a summary of significant accounting policies consistently followed by the Fund in the preparation of the financial statements. The preparation of the financial statements in accordance with accounting principles generally accepted in the United States of America (“U.S. GAAP”) requires management to make estimates and assumptions that affect the reported amounts and disclosures in the financial statements. Actual results could differ from those estimates.

A. Portfolio Valuation

The net asset value (“NAV”) of the Common Shares of the Fund is determined daily as of the close of regular trading on the NYSE, normally 4:00 p.m. Eastern time, on each day the NYSE is open for trading. If the NYSE closes early on a valuation day, the NAV is determined as of that time. Foreign securities are priced using data reflecting the earlier closing of the principal markets for those securities. The Fund’s NAV per Common Share is calculated by dividing the value of all assets of the Fund (including accrued interest and dividends), less all liabilities (including accrued expenses, the value of call options written (sold), dividends declared but unpaid, deferred income taxes and any borrowings of the Fund), by the total number of Common Shares outstanding.

The Fund’s investments are valued daily at market value or, in the absence of market value with respect to any portfolio securities, at fair value. Market value prices represent last sale or official closing prices from a national or foreign exchange (i.e., a regulated market) and are primarily obtained from third-party pricing services. Fair value prices represent any prices not considered market value prices and are either obtained from a third-party pricing service or are determined by the Pricing Committee of the Fund’s investment advisor, First Trust Advisors L.P. (“First Trust” or the “Advisor”), in accordance with valuation procedures adopted by the Fund’s Board of Trustees, and in accordance with provisions of the 1940 Act. Investments valued by the Advisor’s Pricing Committee, if any, are footnoted as such in the footnotes to the Portfolio of Investments. The Fund’s investments are valued as follows: Common stocks, real estate investment trusts, MLPs, and other equity securities listed on any national or foreign exchange (excluding The Nasdaq Stock Market LLC (“Nasdaq”) and the London Stock Exchange Alternative Investment Market (“AIM”)) are valued at the last sale price on the exchange on which they are principally traded or, for Nasdaq and AIM securities, the official closing price. Securities traded on more than one securities exchange are valued at the last sale price or official closing price, as applicable, at the close of the securities exchange representing the principal market for such securities.

Exchange-traded options contracts are valued at the closing price in the market where such contracts are principally traded. If no closing price is available, exchange-traded options contracts are fair valued at the mean of their most recent bid and asked price, if available, and otherwise at their closing bid price. Over-the-counter options contracts are fair valued at the mean of their most recent bid and asked price, if available, and otherwise at their closing bid price.

Securities traded in an over-the-counter market are fair valued at the mean of their most recent bid and asked price, if available, and otherwise at their closing bid price.

Swaps are fair valued utilizing quotations provided by a third-party pricing service or, if the third-party pricing service does not provide a value, by quotes provided by the selling dealer or financial institution.

Certain securities may not be able to be priced by pre-established pricing methods. Such securities may be valued by the Fund's Board of Trustees or its delegate, the Advisor's Pricing Committee, at fair value. These securities generally include, but are not limited to, restricted securities (securities which may not be publicly sold without registration under the Securities Act of 1933, as amended) for

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First Trust MLP and Energy Income Fund (FEI)

October 31, 2018

which a third-party pricing service is unable to provide a market price; securities whose trading has been formally suspended; a security whose market or fair value price is not available from a pre-established pricing source; a security with respect to which an event has occurred that is likely to materially affect the value of the security after the market has closed but before the calculation of the Fund's NAV or make it difficult or impossible to obtain a reliable market quotation; and a security whose price, as provided by the third-party pricing service, does not reflect the security's fair value. As a general principle, the current fair value of a security would appear to be the amount which the owner might reasonably expect to receive for the security upon its current sale. When fair value prices are used, generally they will differ from market quotations or official closing prices on the applicable exchanges. A variety of factors may be considered in determining the fair value of such securities, including, but not limited to, the following:

- 1) the type of security;
- 2) the size of the holding;
- 3) the initial cost of the security;
- 4) transactions in comparable securities;
- 5) price quotes from dealers and/or third-party pricing services;
- 6) relationships among various securities;
- 7) information obtained by contacting the issuer, analysts, or the appropriate stock exchange;
- 8) an analysis of the issuer's financial statements; and
- 9) the existence of merger proposals or tender offers that might affect the value of the security.

If the securities in question are foreign securities, the following additional information may be considered:

- 1) the value of similar foreign securities traded on other foreign markets;
- 2) ADR trading of similar securities;
- 3) closed-end fund trading of similar securities;
- 4) foreign currency exchange activity;
- 5) the trading prices of financial products that are tied to baskets of foreign securities;
- 6) factors relating to the event that precipitated the pricing problem;
- 7) whether the event is likely to recur; and
- 8) whether the effects of the event are isolated or whether they affect entire markets, countries or regions.

The Fund is subject to fair value accounting standards that define fair value, establish the framework for measuring fair value and provide a three-level hierarchy for fair valuation based upon the inputs to the valuation as of the measurement date. The three levels of the fair value hierarchy are as follows:

- Level 1 – Level 1 inputs are quoted prices in active markets for identical investments. An active market is a market in which transactions for the investment occur with sufficient frequency and volume to provide pricing information on an ongoing basis.
- Level 2 – Level 2 inputs are observable inputs, either directly or indirectly, and include the following:
  - o Quoted prices for similar investments in active markets.
  - o Quoted prices for identical or similar investments in markets that are non-active. A non-active market is a market where there are few transactions for the investment, the prices are not current, or price quotations vary substantially either over time or among market makers, or in which little information is released publicly.
  - o Inputs other than quoted prices that are observable for the investment (for example, interest rates and yield curves observable at commonly quoted intervals, volatilities, prepayment speeds, loss severities, credit risks, and default rates).
  - o Inputs that are derived principally from or corroborated by observable market data by correlation or other means.
- Level 3 – Level 3 inputs are unobservable inputs. Unobservable inputs may reflect the reporting entity's own assumptions about the assumptions that market participants would use in pricing the investment.

The inputs or methodologies used for valuing investments are not necessarily an indication of the risk associated with investing in those investments. A summary of the inputs used to value the Fund's investments as of October 31, 2018, is included with the Fund's Portfolio of Investments.

**B. Option Contracts**

The Fund is subject to equity price risk in the normal course of pursuing its investment objective and may write (sell) options to hedge against changes in the value of equities. Also, the Fund seeks to generate additional income, in the form of premiums received, from

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Notes to Financial Statements (Continued)

First Trust MLP and Energy Income Fund (FEI)

October 31, 2018

writing (selling) the options. The Fund may write (sell) covered call or put options (“options”) on all or a portion of the MLPs and common stocks held in the Fund’s portfolio as determined to be appropriate by the Sub-Advisor. The number of options the Fund can write (sell) is limited by the amount of MLPs and common stocks the Fund holds in its portfolio. The Fund will not write (sell) “naked” or uncovered options. When the Fund writes (sells) an option, an amount equal to the premium received by the Fund is included in “Options written, at value” on the Fund’s Statement of Assets and Liabilities. Options are marked-to-market daily and their value will be affected by changes in the value and dividend rates of the underlying equity securities, changes in interest rates, changes in the actual or perceived volatility of the securities markets and the underlying equity securities and the remaining time to the options’ expiration. The value of options may also be adversely affected if the market for the options becomes less liquid or trading volume diminishes.

The options that the Fund writes (sells) will either be exercised, expire or be canceled pursuant to a closing transaction. If the price of the underlying equity security exceeds the option’s exercise price, it is likely that the option holder will exercise the option. If an option written (sold) by the Fund is exercised, the Fund would be obligated to deliver the underlying equity security to the option holder upon payment of the strike price. In this case, the option premium received by the Fund will be added to the amount realized on the sale of the underlying security for purposes of determining gain or loss and is included in “Net realized gain (loss) before taxes on investments” on the Statement of Operations. If the price of the underlying equity security is less than the option’s strike price, the option will likely expire without being exercised. The option premium received by the Fund will, in this case, be treated as short-term capital gain on the expiration date of the option. The Fund may also elect to close out its position in an option prior to its expiration by purchasing an option of the same series as the option written (sold) by the Fund. Gain or loss on options is presented separately as “Net realized gain (loss) before taxes on written options” on the Statement of Operations.

The options that the Fund writes (sells) give the option holder the right, but not the obligation, to purchase a security from the Fund at the strike price on or prior to the option’s expiration date. The ability to successfully implement the writing (selling) of covered call options depends on the ability of the Sub-Advisor to predict pertinent market movements, which cannot be assured. Thus, the use of options may require the Fund to sell portfolio securities at inopportune times or for prices other than current market value, which may limit the amount of appreciation the Fund can realize on an investment, or may cause the Fund to hold a security that it might otherwise sell. As the writer (seller) of a covered option, the Fund foregoes, during the option’s life, the opportunity to profit from increases in the market value of the security covering the option above the sum of the premium and the strike price of the option, but has retained the risk of loss should the price of the underlying security decline. The writer (seller) of an option has no control over the time when it may be required to fulfill its obligation as a writer (seller) of the option. Once an option writer (seller) has received an exercise notice, it cannot effect a closing purchase transaction in order to terminate its obligation under the option and must deliver the underlying security to the option holder at the exercise price.

Over-the-counter options have the risk of the potential inability of counterparties to meet the terms of their contracts. The Fund’s maximum equity price risk for purchased options is limited to the premium initially paid. In addition, certain risks may arise upon entering into option contracts including the risk that an illiquid secondary market will limit the Fund’s ability to close out an option contract prior to the expiration date and that a change in the value of the option contract may not correlate exactly with changes in the value of the securities hedged.

C. Swap Agreements

The Fund may enter into total return equity swap and interest rate swap agreements. A swap is a financial instrument that typically involves the exchange of cash flows between two parties (“Counterparties”) on specified dates (settlement dates) where the cash flows are based on agreed upon prices, rates, etc. Interest income and interest expense are recorded daily and for financial reporting purposes are presented on the Statement of Operations as “Net realized gain (loss) before taxes on swap contracts.” When an interest rate swap is terminated, the Fund will record a realized gain or loss equal to the difference between the proceeds from (or cost of) the closing transaction and the Fund’s basis in the contract, if any. Generally, the basis of the contracts, if any, is the premium received or paid. Swap agreements are

individually negotiated and involve the risk of the potential inability of the Counterparties to meet the terms of the agreement. In connection with these agreements, cash and securities may be identified as collateral in accordance with the terms of the respective swap agreements to provide assets of value and recourse in the event of default under the swap agreement or bankruptcy/insolvency of a party to the swap agreement. In the event of a default by a Counterparty, the Fund will seek withdrawal of the collateral and may incur certain costs exercising its rights with respect to the collateral. If a Counterparty becomes bankrupt or otherwise fails to perform its obligations due to financial difficulties, the Fund may experience significant delays in obtaining any recovery in a bankruptcy or other reorganization proceeding. The Fund may obtain only limited recovery or may obtain no recovery in such circumstances.

Swap agreements may increase or decrease the overall volatility of the investments of the Fund. The performance of swap agreements may be affected by changes in the specific interest rate, security, currency, or other factors that determine the amounts of payments due to and from the Fund. The Fund's maximum interest rate risk to meet its future payments under swap agreements outstanding at

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First Trust MLP and Energy Income Fund (FEI)

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October 31, 2018, is equal to the total notional amount as shown on the Portfolio of Investments. The notional amount represents the U.S. dollar value of the contract as of the day of the opening transaction or contract reset. When the Fund enters into a swap agreement, any premium paid is included in “Swap contracts, at value” on the Statement of Assets and Liabilities.

The Fund held interest rate swap agreements at October 31, 2018 to hedge against changes in borrowing rates under the Fund’s committed facility agreement. An interest rate swap agreement involves the Fund’s agreement to exchange a stream of interest payments for another party’s stream of cash flows. Interest rate swaps do not involve the delivery of securities or other underlying assets or principal. Accordingly, the risk of loss with respect to interest rate swaps is limited to the net amount of interest payments that the Fund is contractually obligated to make.

**D. Securities Transactions and Investment Income**

Securities transactions are recorded as of the trade date. Realized gains and losses from securities transactions are recorded on the identified cost basis. Dividend income is recorded on the ex-dividend date. Interest income is recorded daily on the accrual basis, including amortization of premiums and accretion of discounts. The Fund will rely to some extent on information provided by the MLPs, which is not necessarily timely, to estimate taxable income allocable to the MLP units held in the Fund’s portfolio and to estimate the associated deferred tax asset or liability. From time to time, the Fund will modify its estimates and/or assumptions regarding its deferred tax liability as new information becomes available. To the extent the Fund modifies its estimates and/or assumptions, the NAV of the Fund will likely fluctuate.

Distributions received from the Fund’s investments in MLPs generally are comprised of return of capital and investment income. The Fund records estimated return of capital and investment income based on historical information available from each MLP. These estimates may subsequently be revised based on information received from the MLPs after their tax reporting periods are concluded.

**E. Foreign Currency**

The books and records of the Fund are maintained in U.S. dollars. Foreign currencies, investments and other assets and liabilities are translated into U.S. dollars at the exchange rates prevailing at the end of the period. Purchases and sales of investments and items of income and expense are translated on the respective dates of such transactions. Unrealized gains and losses on assets and liabilities, other than investments in securities, which result from changes in foreign currency exchange rates have been included in “Net change in unrealized appreciation (depreciation) before taxes on foreign currency translation” on the Statement of Operations. Unrealized gains and losses on investments in securities which result from changes in foreign exchange rates are included with fluctuations arising from changes in market price and are shown in “Net change in unrealized appreciation (depreciation) before taxes on investments” on the Statement of Operations. Net realized foreign currency gains and losses include the effect of changes in exchange rates between trade date and settlement date on investment security transactions, foreign currency transactions and interest and dividends received and are shown in “Net realized gain (loss) before taxes on foreign currency transactions” on the Statement of Operations. The portion of foreign currency gains and losses related to fluctuation in exchange rates between the initial purchase settlement date and subsequent sale trade date is included in “Net realized gain (loss) before taxes on investments” on the Statement of Operations.

**F. Distributions to Shareholders**

The Fund intends to make monthly distributions to Common Shareholders. The Fund’s distributions generally will consist of cash and paid-in kind distributions from MLPs or their affiliates, dividends from common stocks, and income from other investments held by the Fund less operating expenses, including taxes. Distributions to Common Shareholders are recorded on the ex-date and are based on U.S. GAAP, which may differ from their ultimate characterization for federal income tax purposes.

Distributions made from current or accumulated earnings and profits of the Fund will be taxable to shareholders as dividend income. Distributions that are in an amount greater than the Fund’s current and accumulated earnings and profits will represent a tax-deferred return of capital to the extent of a shareholder’s basis in the Common Shares, and such distributions will correspondingly increase the realized gain upon the sale of the Common Shares. Additionally,



distributions not paid from current or accumulated earnings and profits that exceed a shareholder's tax basis in the Common Shares will generally be taxed as a capital gain.

Distributions of \$25,679,860 paid during the fiscal year ended October 31, 2018, are anticipated to be characterized as taxable dividends for federal income tax purposes. The amounts may be eligible to be taxed as qualified dividend income at the reduced capital gains tax rates, subject to shareholder holding period requirements. The remaining \$39,127,186 in distributions paid during the fiscal year ended October 31, 2018, is expected to be return of capital. However, the ultimate determination of the character of the distributions will be made after the 2018 calendar year. Distributions will automatically be reinvested in additional Common Shares pursuant to the Fund's Dividend Reinvestment Plan unless cash distributions are elected by the shareholder.

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First Trust MLP and Energy Income Fund (FEI)

October 31, 2018

## G. Income Taxes

The Fund is treated as a regular C corporation for U.S. federal income tax purposes and as such will be obligated to pay federal and applicable state and foreign corporate taxes on its taxable income. The Fund'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. The "Tax Cuts and Jobs Act" (the "Act") reduced the maximum graduated income tax rate for corporations from 35% to a flat 21% for tax years that begin after December 31, 2017. As a fiscal year-end filer, the Fund's current blended U.S. federal income tax rate is 23.3%. The Fund may be subject to a 20% federal alternative minimum tax on its federal alternative minimum taxable income to the extent that its alternative minimum tax exceeds its regular federal income tax. For tax years that begin after December 31, 2017, the corporate alternative minimum tax is repealed. This differs from most investment companies, which elect to be treated as "regulated investment companies" under the U.S. Internal Revenue Code of 1986, as amended. The various investments of the Fund may cause the Fund to be subject to state income taxes on a portion of its income at various rates.

The tax deferral benefit the Fund derives from its investment in MLPs results largely because the MLPs are treated as partnerships for federal income tax purposes. As a partnership, an MLP has no income tax liability at the entity level. As a limited partner in the MLPs in which it invests, the Fund will be allocated its pro rata share of income, gains, losses, deductions and credits from the MLPs, regardless of whether or not any cash is distributed from the MLPs. To the extent that the distributions received from the MLPs exceed the net taxable income realized by the Fund from its investment, a tax liability results. This tax liability is a deferred liability to the extent that MLP distributions received have not exceeded the Fund's adjusted tax basis in the respective MLPs. To the extent that distributions from an MLP exceed the Fund's adjusted tax basis, the Fund will recognize a taxable capital gain. For the fiscal year ended October 31, 2018, distributions of \$37,957,616 received from MLPs have been reclassified as a return of capital. The cost basis of applicable MLPs has been reduced accordingly.

The Fund's provision for income taxes consists of the following:

Current federal income tax benefit (expense)	\$ (692,463)
<hr/>	
Current state income tax benefit (expense)	(125,487)
<hr/>	
Current foreign income tax benefit (expense)	—
<hr/>	
Deferred federal income tax benefit (expense)	26,147,576
<hr/>	
Deferred state income tax benefit (expense)	(862,454)
<hr/>	
Total income tax benefit (expense)	\$ 24,467,172
<hr/>	

Deferred income taxes reflect the net tax effect of temporary differences between the carrying amount of assets and liabilities for financial reporting purposes and the amounts used for tax purposes. At October 31, 2018, the Fund had a net operating loss carryforward for state income tax purposes of \$112,044,446. The Fund's 2018 income tax provision includes a full valuation allowance against the deferred tax assets associated with the state net operating loss.

Components of the Fund's deferred tax assets and liabilities as of October 31, 2018 are as follows:

Deferred tax assets:

Federal net operating loss	\$119,428
<hr/>	
State net operating loss	8,262,443
<hr/>	

State income taxes	1,004,810
<u>Capital loss carryforward</u>	<u>32,362,354</u>
<u>Alternative minimum tax carryover</u>	<u>3,154,710</u>
<u>Total deferred tax assets</u>	<u>44,903,745</u>
<u>Less: valuation allowance</u>	<u>(8,262,443)</u>
<u>Net deferred tax assets</u>	<u>\$36,641,302</u>
Deferred tax liabilities:	
<u>Unrealized gains on investment securities</u>	<u>\$(40,415,420)</u>
<u>Total deferred tax liabilities</u>	<u>(40,415,420)</u>
<u>Total net deferred tax liabilities</u>	<u>\$(3,774,118)</u>

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First Trust MLP and Energy Income Fund (FEI)

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Total income taxes differ from the amount computed by applying the blended federal income tax rate of 23.3% to net investment income and realized and unrealized gains on investments.

Application of statutory income tax rate	\$ (14,969,757)
<hr/>	
State income taxes, net	(273,913)
<hr/>	
Remeasuring of deferreds for US tax reform	(10,867,470)
<hr/>	
Change in valuation allowance	990,701
<hr/>	
Current year change in tax rate	1,558,509
<hr/>	
Effect of permanent differences	(905,242)
<hr/>	
Total	\$ (24,467,172)

The Fund intends to utilize provisions of the federal income tax laws, which allow it to carry realized capital losses forward for five years following the year of the loss and offset such loss against any future realized capital gains. The Fund is subject to certain limitations under U.S. tax rules on the use of capital loss carryforwards and net unrealized built-in losses. These limitations apply when there has been a 50% change in ownership. At October 31, 2018, the Fund had a capital loss carryforward of \$154,106,448 that will expire according to the following schedule:

Fiscal Year	Amount Generated	Amount Utilized	Amount Expired	Remaining	Expiration
2015	11,494,135	(2,086,990)	—	9,407,145	10/31/2020
2016	128,598,855	—	—	128,598,855	10/31/2021
2017	16,100,448	—	—	16,100,448	10/31/2022
	\$ 156,193,438	\$ (2,086,990)	\$ —	\$ 154,106,448	

The Fund is subject to accounting standards that establish a minimum threshold for recognizing, and a system for measuring, the benefits of a tax position taken or expected to be taken in a tax return. Taxable years ended 2015, 2016, 2017, and 2018 remain open to federal and state audit. As of October 31, 2018, management has evaluated the application of these standards to the Fund, and has determined that no provision for income tax is required in the Fund's financial statements for uncertain tax positions.

**H. Expenses**

The Fund will pay all expenses directly related to its operations.

**I. Offsetting on the Statement of Assets and Liabilities**

Offsetting assets and liabilities require entities to disclose both gross and net information about instruments and transactions eligible for offset on the Statement of Assets and Liabilities, and disclose instruments and transactions subject to master netting or similar agreements. These disclosure requirements are intended to help investors and other financial statement users better assess the effect or potential effect of offsetting arrangements on a fund's financial position. The transactions subject to offsetting disclosures are derivative instruments, repurchase agreements and reverse repurchase agreements, and securities borrowing and securities lending transactions.

For financial reporting purposes, the Fund does not offset financial assets and financial liabilities that are subject to master netting arrangements ("MNAs") or similar agreements on the Statement of Assets and Liabilities. MNAs provide the right, in the event of default (including bankruptcy and insolvency), for the non-defaulting counterparty to liquidate the collateral and calculate the net exposure to the defaulting party or request additional collateral.

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At October 31, 2018, derivative assets and liabilities (by type) on a gross basis are as follows:

	Gross Amounts of Recognized Assets	Gross Amounts Offset in the Statement of Assets and Liabilities	Net Amounts of Assets Presented in the Statement of Assets and Liabilities	Gross Amounts not Offset in the Statement of Assets and Liabilities Financial Instruments	Cash Received as Collateral	Net Amount
Interest Rate Swap Contracts	\$ 4,218,677	\$ —	\$ 4,218,677	\$ —	\$ —	\$ 4,218,677

**J. New Accounting Pronouncement**

On August 28, 2018, the FASB issued Accounting Standards Update (“ASU”) 2018-13, “Disclosure Framework – Changes to the Disclosure Requirements for Fair Value Measurement,” which amends the fair value measurement disclosure requirements of ASC 820. The amendments of ASU 2018-13 include new, eliminated, and modified disclosure requirements of ASC 820. In addition, the amendments clarify that materiality is an appropriate consideration of entities when evaluating disclosure requirements. The ASU is effective for fiscal years beginning after December 15, 2019, including interim periods therein. Early adoption is permitted for any eliminated or modified disclosures upon issuance of this ASU. The Fund has early adopted ASU 2018-13 for these financial statements, which did not result in a material impact.

**3. Investment Advisory Fee, Affiliated Transactions and Other Fee Arrangements**

First Trust, the investment advisor to the Fund, is a limited partnership with one limited partner, Grace Partners of DuPage L.P., and one general partner, The Charger Corporation. The Charger Corporation is an Illinois corporation controlled by James A. Bowen, Chief Executive Officer of First Trust. First Trust is responsible for the ongoing monitoring of the Fund’s investment portfolio, managing the Fund’s business affairs and providing certain administrative services necessary for the management of the Fund. For these investment management services, First Trust is entitled to a monthly fee calculated at an annual rate of 1.00% of the Fund’s Managed Assets (the average daily total asset value of the Fund minus the sum of the Fund’s liabilities other than the principal amount of borrowings). First Trust also provides fund reporting services to the Fund for a flat annual fee in the amount of \$9,250.

EIP serves as the Fund’s sub-advisor and manages the Fund’s portfolio subject to First Trust’s supervision. The Sub-Advisor receives a monthly sub-advisory fee calculated at an annual rate of 0.50% of the Fund’s Managed Assets that is paid by First Trust out of its investment advisory fee.

During the fiscal year ended October 31, 2018, the Fund received a reimbursement from the sub-advisor of \$16,263 in connection with a trade error.

First Trust Capital Partners, LLC (“FTCP”), an affiliate of First Trust, owns, through a wholly-owned subsidiary, a 15% ownership interest in each of EIP and EIP Partners, LLC, an affiliate of EIP.

BNY Mellon Investment Servicing (US) Inc. (“BNYM IS”) serves as the Fund’s transfer agent in accordance with certain fee arrangements. As transfer agent, BNYM IS is responsible for maintaining shareholder records for the Fund. The Bank of New York Mellon (“BNYM”) serves as the Fund’s administrator, fund accountant, and custodian in accordance with certain fee arrangements. As administrator and fund accountant, BNYM is responsible for providing certain administrative and accounting services to the Fund, including maintaining the Fund’s books of account, records of the Fund’s securities transactions, and certain other books and records. As custodian, BNYM is responsible for custody of the Fund’s assets. BNYM IS and BNYM are subsidiaries of The Bank of New York Mellon Corporation, a financial holding company.

Each Trustee who is not an officer or employee of First Trust, any sub-advisor or any of their affiliates (“Independent Trustees”) is paid a fixed annual retainer that is allocated equally among each fund in the First Trust Fund Complex. Each Independent Trustee is also paid an annual per fund fee that varies based on whether the fund is a closed-end or other actively managed fund, or is an index fund.

Additionally, the Lead Independent Trustee and the Chairmen of the Audit Committee, Nominating and Governance Committee and Valuation Committee are paid annual fees to serve in such capacities, with such compensation allocated pro rata among each fund in the First Trust Fund Complex based on net assets. Independent Trustees are reimbursed for travel and out-of-pocket expenses in

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Notes to Financial Statements (Continued)

First Trust MLP and Energy Income Fund (FEI)

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connection with all meetings. The Lead Independent Trustee and Committee Chairmen rotate every three years. The officers and “Interested” Trustee receive no compensation from the Fund for acting in such capacities.

## 4. Purchases and Sales of Securities

The cost of purchases and proceeds from sales of securities, excluding short-term investments, for the fiscal year ended October 31, 2018, were \$376,955,825 and \$426,568,703, respectively.

## 5. Derivative Transactions

The following table presents the types of derivatives held by the Fund at October 31, 2018, the primary underlying risk exposure and the location of these instruments as presented on the Statement of Assets and Liabilities.

Derivative Instrument	Risk Exposure	Asset Derivatives		Liability Derivatives	
		Statement of Assets and Liabilities	Value	Statement of Assets and Liabilities	Value
Written Options	Equity Risk	—	\$ —	Options written, at value	\$ 2,654,644
Interest Rate Swap Agreements	Interest Rate Risk	Swap contracts, at value	4,218,677	—	—

The following table presents the amount of net realized gain (loss) and change in net unrealized appreciation (depreciation) recognized for the fiscal year ended October 31, 2018, on derivative instruments, as well as the primary underlying risk exposure associated with each instrument.

## Statement of Operations Location

## Equity Risk Exposure

Net realized gain (loss) before taxes on written options \$5,185,864

Net change in unrealized appreciation (depreciation) before taxes on written options (1,303,828)

## Interest Rate Risk Exposure

Net realized gain (loss) before taxes on swap contracts \$(1,351,708)

Net change in unrealized appreciation (depreciation) before taxes on swap contracts 9,187,055

During the fiscal year ended October 31, 2018, the premiums for written options opened were \$15,865,824, and the premiums for written options closed, exercised and expired were \$17,040,358.

The Fund does not have the right to offset financial assets and liabilities related to option contracts on the Statement of Assets and Liabilities.

The average notional value of interest rate swaps was \$174,250,000 for the fiscal year ended October 31, 2018.

## 6. Borrowings

The Fund has a credit agreement with The Bank of Nova Scotia, which provides a secured line of credit where Fund assets are pledged against advances made to the Fund. The maximum commitment amount is \$270,000,000. The borrowing rate is the applicable LIBOR rate plus 85 basis points for the LIBOR loans or the greater of (i) the Prime Rate in effect, (ii) 2.00% plus the Federal Funds Effective Rate, or (iii) 2.00% plus the Overnight Eurodollar Rate for the Prime Rate loans. Under the credit agreement, the Fund pays a commitment fee of 0.25% when the loan balance is less than 75% of the maximum commitment. As of October 31, 2018, the Fund had two LIBOR loans outstanding under the revolving credit facility totaling \$206,500,000, which approximates fair value. The borrowings are categorized as Level 2 within the fair value hierarchy. For the fiscal year ended October 31, 2018, the average amount outstanding was \$217,995,890. The high and low annual interest rates during the fiscal year ended October 31, 2018 were 4.75% and 2.10%, respectively, and the average weighted average interest rate was 2.67%. The weighted average interest rate at October 31, 2018 was 3.13%. The interest and fees are included in “Interest and fees on loans” on the Statement of Operations.

## 7. Common Share Offerings

On June 19, 2017, the Fund and the Advisor entered into a sales agreement with JonesTrading Institutional Services, LLC (“Jones Trading”) whereby the Fund may offer and sell up to 4,600,000 Common Shares from time to time through



JonesTrading as agent for the offer and sale of the Common Shares. Sales of Common Shares pursuant to the sales agreement may be made in negotiated transactions or transactions that are deemed to be “at the market” as defined in Rule 415 under the 1933 Act, including sales made directly on the NYSE or sales made through a market maker other than on an exchange, at an offering price equal to or in excess of the

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net asset value per share of the Fund's Common Shares at the time such Common Shares are initially sold. The Fund intends to use the net proceeds from the sale of the Common Shares in accordance with its investment objective and policies. Transactions for the fiscal years ended October 31, 2018 and 2017 related to offerings under such sales agreements are as follows:

	Common Net Shares Sold	Net Proceeds Received	Net Asset Value of Shares Sold	Net Proceeds Received in Excess of Net Asset Value
Year ended 10/31/18	169,204	\$2,286,091	\$ 2,261,569	\$ 24,522
Year ended 10/31/17	853,466	12,935,919	12,683,424	252,495

Additionally, estimated offering costs of \$211,000 and \$133,750 related to this offering were recorded as a prepaid asset and were amortized to expense by the Fund on a straight line basis over a one year period or until the Fund sells 4,600,000 Common Shares related to this offering during the years ended October 31, 2017 and October 31, 2018, respectively.

## 8. Indemnification

The Fund has a variety of indemnification obligations under contracts with its service providers. The Fund's maximum exposure under these arrangements is unknown. However, the Fund has not had prior claims or losses pursuant to these contracts and expects the risk of loss to be remote.

## 9. Industry Concentration Risk

Under normal market conditions, the Fund will invest at least 85% of its managed assets in equity and debt securities of MLPs, MLP-related entities and other energy sector and energy utility companies. Given this industry concentration, the Fund is more susceptible to adverse economic or regulatory occurrences affecting that industry than an investment company that is not concentrated in a single industry. Energy issuers may be subject to a variety of factors that may adversely affect their business or operations, including high interest costs in connection with capital construction programs, high leverage costs associated with environmental and other regulations, regulatory risk associated with the changes in the methodology of determining prices that energy companies may charge for their products and services, the effects of economic slowdown, surplus capacity, increased competition from other providers of services, uncertainties concerning the availability of fuel at reasonable prices, the effects of energy conservation policies and other factors.

## 10. Subsequent Events

Management has evaluated the impact of all subsequent events to the Fund through the date the financial statements were issued, and has determined that there were no subsequent events requiring recognition or disclosure in the financial statements that have not already been disclosed.

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Report of Independent Registered Public Accounting Firm

To the Shareholders and the Board of Trustees of First Trust MLP and Energy Income Fund:

Opinion on the Financial Statements and Financial Highlights

We have audited the accompanying statement of assets and liabilities, including the portfolio of investments, of First Trust MLP and Energy Income Fund (the “Fund”), as of October 31, 2018, 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, the financial highlights for each of the five years in the period then ended, and the related notes. In our opinion, the financial statements and financial highlights present fairly, in all material respects, the financial position of the Fund as of October 31, 2018, and 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 five years in the period then ended, in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements and financial highlights are the responsibility of the Fund’s management. Our responsibility is to express an opinion on the Fund’s financial statements and financial highlights based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Fund in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. 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, whether due to error or fraud. The Fund is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Fund’s internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements and financial highlights, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements and financial highlights. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements and financial highlights. Our procedures included confirmation of securities owned as of October 31, 2018, by correspondence with the custodian and brokers. We believe that our audits provide a reasonable basis for our opinion.

Chicago, Illinois

December 21, 2018

We have served as the auditor of one or more First Trust investment companies since 2001.

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Additional Information

First Trust MLP and Energy Income Fund (FEI)

October 31, 2018 (Unaudited)

Dividend Reinvestment Plan

If your Common Shares are registered directly with the Fund or if you hold your Common Shares with a brokerage firm that participates in the Fund's Dividend Reinvestment Plan (the "Plan"), unless you elect, by written notice to the Fund, to receive cash distributions, all dividends, including any capital gain distributions, on your Common Shares will be automatically reinvested by BNY Mellon Investment Servicing (US) Inc. (the "Plan Agent"), in additional Common Shares under the Plan. If you elect to receive cash distributions, you will receive all distributions in cash paid by check mailed directly to you by the Plan Agent, as the dividend paying agent.

If you decide to participate in the Plan, the number of Common Shares you will receive will be determined as follows:

- If Common Shares are trading at or above net asset value ("NAV") at the time of valuation, the Fund will issue
- (1) new shares at a price equal to the greater of (i) NAV per Common Share on that date or (ii) 95% of the market price on that date.

- If Common Shares are trading below NAV at the time of valuation, the Plan Agent will receive the dividend or distribution in cash and will purchase Common Shares in the open market, on the NYSE or elsewhere, for the participants' accounts. It is possible that the market price for the Common Shares may increase before the Plan Agent has completed its purchases. Therefore, the average purchase price per share paid by the Plan
- (2) Agent may exceed the market price at the time of valuation, resulting in the purchase of fewer shares than if the dividend or distribution had been paid in Common Shares issued by the Fund. The Plan Agent will use all dividends and distributions received in cash to purchase Common Shares in the open market within 30 days of the valuation date except where temporary curtailment or suspension of purchases is necessary to comply with federal securities laws. Interest will not be paid on any uninvested cash payments.

You may elect to opt-out of or withdraw from the Plan at any time by giving written notice to the Plan Agent, or by telephone at (866) 340-1104, in accordance with such reasonable requirements as the Plan Agent and the Fund may agree upon. If you withdraw or the Plan is terminated, you will receive a certificate for each whole share in your account under the Plan, and you will receive a cash payment for any fraction of a share in your account. If you wish, the Plan Agent will sell your shares and send you the proceeds, minus brokerage commissions.

The Plan Agent maintains all Common Shareholders' accounts in the Plan and gives written confirmation of all transactions in the accounts, including information you may need for tax records. Common Shares in your account will be held by the Plan Agent in non-certificated form. The Plan Agent will forward to each participant any proxy solicitation material and will vote any shares so held only in accordance with proxies returned to the Fund. Any proxy you receive will include all Common Shares you have received under the Plan.

There is no brokerage charge for reinvestment of your dividends or distributions in Common Shares. However, all participants will pay a pro rata share of brokerage commissions incurred by the Plan Agent when it makes open market purchases.

Automatically reinvesting dividends and distributions does not mean that you do not have to pay income taxes due upon receiving dividends and distributions. Capital gains and income are realized although cash is not received by you. Consult your financial advisor for more information.

If you hold your Common Shares with a brokerage firm that does not participate in the Plan, you will not be able to participate in the Plan and any dividend reinvestment may be effected on different terms than those described above. The Fund reserves the right to amend or terminate the Plan if in the judgment of the Board of Trustees the change is warranted. There is no direct service charge to participants in the Plan; however, the Fund reserves the right to amend the Plan to include a service charge payable by the participants. Additional information about the Plan may be obtained by writing BNY Mellon Investment Servicing (US) Inc., 301 Bellevue Parkway, Wilmington, Delaware 19809.

Proxy Voting Policies and Procedures

A description of the policies and procedures that the Fund uses to determine how to vote proxies and information on how the Fund voted proxies relating to portfolio investments during the most recent 12-month period ended June 30 is available (1) without charge, upon request, by calling (800) 988-5891; (2) on the Fund's website at [www.ftportfolios.com](http://www.ftportfolios.com); and (3) on the Securities and Exchange Commission's ("SEC") website at [www.sec.gov](http://www.sec.gov).

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Additional Information (Continued)

First Trust MLP and Energy Income Fund (FEI)

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Portfolio Holdings

The Fund files its complete schedule of portfolio holdings with the SEC for the first and third quarters of each fiscal year on Form N-Q. The Fund's Form N-Qs are available (1) by calling (800) 988-5891; (2) on the Fund's website at [www.ftportfolios.com](http://www.ftportfolios.com); and (3) on the SEC's website at [www.sec.gov](http://www.sec.gov).

Beginning in April 2019, the Fund will cease to disclose its holdings on Form N-Q and will file Form N-PORT with the SEC on a monthly basis. Part F of Form N-PORT, which contains the complete schedule of the Fund's portfolio holdings, will be made available in the same manner as Form N-Q discussed above.

NYSE Certification Information

In accordance with Section 303A-12 of the New York Stock Exchange ("NYSE") Listed Company Manual, the Fund's President has certified to the NYSE that, as of April 26, 2018, he was not aware of any violation by the Fund of NYSE corporate governance listing standards. In addition, the Fund's reports to the SEC on Forms N-CSR and N-Q contain certifications by the Fund's principal executive officer and principal financial officer that relate to the Fund's public disclosure in such reports and are required by Rule 30a-2 under the 1940 Act.

Submission of Matters to a Vote of Shareholders

The Fund held its Annual Meeting of Shareholders (the "Annual Meeting") on April 23, 2018. At the Annual Meeting, Richard E. Erickson and Thomas R. Kadlec were elected by the Common Shareholders of First Trust MLP and Energy Income Fund as Class II Trustees for a three-year term expiring at the Fund's annual meeting of shareholders in 2021. The number of votes cast in favor of Mr. Erickson was 40,659,884, the number of votes against was 739,397 and the number of broker non-votes was 5,380,209. The number of votes cast in favor of Mr. Kadlec was 40,667,315, the number of votes against was 731,966, and the number of broker non-votes was 5,380,209. James A. Bowen, Robert F. Keith and Niel B. Nielson are the other current and continuing Trustees.

Risk Considerations

The following discussion summarizes certain (but not all) of the principal risks associated with investing in the Fund. The Fund is subject to the informational requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940 and, in accordance therewith, files reports, proxy statements and other information that is available for review.

**Covered Call Options Risk.** As the writer (seller) of a call option, the Fund forgoes, during the life of the option, the opportunity to profit from increases in the market value of the portfolio security covering the option above the sum of the premium and the strike price of the call option but retains the risk of loss should the price of the underlying security decline. The value of call options written by the Fund, which are priced daily, are determined by trading activity in the broad options market and will be affected by, among other factors, changes in the value of the underlying security in relation to the strike price, changes in dividend rates of the underlying security, changes in interest rates, changes in actual or perceived volatility of the stock market and the underlying security, and the time remaining until the expiration date. The value of call options written by the Fund may be adversely affected if the market for the option is reduced or becomes illiquid. There can be no assurance that a liquid market will exist when the Fund seeks to close out an option position.

**Cyber Security Risk.** As the use of Internet technology has become more prevalent in the course of business, the Fund has become more susceptible to potential operational risks through breaches in cyber security. A breach in cyber security refers to both intentional and unintentional events that may cause the Fund to lose proprietary information, suffer data corruption or lose operational capacity. Such events could cause the Fund to incur regulatory penalties, reputational damage, additional compliance costs associated with corrective measures and/or financial loss. Cyber security breaches may involve unauthorized access to the Fund's digital information systems through "hacking" or malicious software coding, but may also result from outside attacks such as denial-of-service attacks through efforts to make network services unavailable to intended users. In addition, cyber security breaches of the Fund's third-party service providers, such as its administrator, transfer agent, custodian, or sub-advisor, as applicable, or issuers in which the Fund invests, can also subject the Fund to many of the same risks associated with direct cyber security breaches. The Fund has established risk management systems designed to reduce the risks associated with cyber security.

However, there is no guarantee that such efforts will succeed, especially because the Fund does not directly control the cyber security systems of issuers or third party service providers.

**Interest Rate Swaps Risk.** If short-term interest rates are lower than the Fund's fixed rate of payment on an interest rate swap, the swap will reduce common share net earnings. In addition, a default by the counterparty to a swap transaction could also negatively impact the performance of the common shares.

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**Leverage Risk.** The use of leverage by the Fund can magnify the effect of any losses. If the income and gains from the securities and investments purchased with leverage proceeds do not cover the cost of leverage, the return to the common shares will be less than if leverage had not been used. Leverage involves risks and special considerations for common shareholders including: the likelihood of greater volatility of net asset value and market price of the common shares than a comparable portfolio without leverage; the risk that fluctuations in interest rates on borrowings will reduce the return to the common shareholders or will result in fluctuations in the dividends paid on the common shares; in a declining market, the use of leverage is likely to cause a greater decline in the net asset value of the common shares than if the Fund were not leveraged, which may result in a greater decline in the market price of the common shares; and when the Fund uses certain types of leverage, the investment advisory fee payable to the Advisor and by the Advisor to the Sub-Advisor will be higher than if the Fund did not use leverage.

**Liquidity Risk.** Certain securities in which the Fund may invest may trade less frequently, particularly those of issuers with smaller capitalizations. Securities with limited trading volumes may display volatile or erratic price movements. The Fund may have difficulty selling these investments in a timely manner, be forced to sell them for less than it otherwise would have been able to realize, or both.

**Management Risk and Reliance on Key Personnel.** The implementation of the Fund's investment strategy depends upon the continued contributions of certain key employees of the Advisor and Sub-Advisor, some of whom have unique talents and experience and would be difficult to replace. The loss or interruption of the services of a key member of the portfolio management team could have a negative impact on the Fund.

**Market Discount from Net Asset Value.** Shares of closed-end investment companies such as the Fund frequently trade at a discount from their net asset value. The Fund cannot predict whether its common shares will trade at, below or above net asset value.

**MLP and Investment Concentration Risks.** The Fund's investments are concentrated in the group of industries that are part of the energy sector, with a particular focus on MLPs, MLP-related entities and other companies in the energy sector and energy utility industries. The Fund's concentration in the group of industries that are part of the energy sector may present more risk than if the Fund were broadly diversified over multiple sectors of the economy. A downturn in one or more industries within the energy sector, material declines in energy-related commodity prices, adverse political, legislative or regulatory developments or other events could have a larger impact on the Fund than on an investment company that does not concentrate in the group of industries that are part of the energy sector. Certain risks inherent in investing in the business of the types of securities that the Fund may invest include: commodity pricing risk, commodity supply and demand risk, lack of diversification of and reliance on MLP customers and suppliers risk, commodity depletion and exploration risk, energy sector and energy utility industry regulatory risk including risks associated with the prices and methodology of determining prices that Energy Companies may charge for their products and services, interest rate risk, risk of lack of acquisition or reinvestment opportunities for MLPs, risk of lacking of funding for MLPs, dependency on MLP affiliate risk, weather risk, catastrophe risk, terrorism and MLP market disruption risk, and technology risk. Companies that own interstate pipelines are subject to regulation by the Federal Energy Regulatory Commission (FERC) with respect to the tariff rates that they may charge to their customers. FERC recently changed its tax allowance policy which no longer permits such companies to include in their cost of service an income tax allowance to the extent that their owners have an actual or potential tax liability on the income generated by them. This has had a negative impact on the performance of some Energy Companies affected by this decision.

Other factors which may reduce the amount of cash an MLP, MLP-related entity and other energy sector and energy utility company has available to pay its debt and equity holders include increased operating costs, maintenance capital expenditures, acquisition costs, expansion or construction costs and borrowing costs (including increased borrowing costs as a result of additional collateral requirements as a result of ratings downgrades by credit agencies).

**Non-Diversification.** The Fund is a non-diversified investment company under the 1940 Act and will not be treated as a regulated investment company under the Internal Revenue Code of 1986. Accordingly, the diversification-specific regulatory requirements under the 1940 Act and the Internal Revenue Code of 1986 regarding the minimum number



or size of portfolio securities do not apply to the Fund, and the Fund's investments may be more heavily concentrated in, and thus more sensitive to changes in the prices of, securities of particular issuers

Non-U.S. Securities and Currency Risk. Investing in non-U.S. securities involves certain risks not involved in domestic investments, including, but not limited to: fluctuations in currency exchange rates; future foreign economic, financial, political and social developments; different legal systems; the possible imposition of exchange controls or other foreign governmental laws or restrictions; lower trading volume; withholding taxes; greater price volatility and illiquidity; different trading and settlement practices; less governmental supervision; high and volatile rates of inflation; fluctuating interest rates; less publicly available information; and different accounting, auditing and financial recordkeeping standards and requirements. Because the Fund may invest in securities denominated or quoted in non-U.S. currencies, changes in the non-U.S. currency/United States dollar exchange rate may affect the value of the Fund's securities and the unrealized appreciation or depreciation of investments.

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**Potential Conflicts of Interest Risk.** First Trust, EIP and the portfolio managers have interests which may conflict with the interests of the Fund. In particular, First Trust and EIP currently manage and may in the future manage and/or advise other investment funds or accounts with the same or substantially similar investment objective and strategies as the Fund. In addition, while the Fund is using leverage, the amount of the fees paid to First Trust (and by First Trust to EIP) for investment advisory and management services are higher than if the Fund did not use leverage because the fees paid are calculated based on managed assets. Therefore, First Trust and EIP have a financial incentive to leverage the Fund.

**Recent Market and Economic Developments.** The number of energy-related MLPs has declined since 2014. The industry is witnessing the consolidation or simplification of corporate structures where the MLP sleeve of capital is being eliminated because it no longer reduces a company's cost of equity financing. As a result of the foregoing, the Fund may increase its non-MLP investments consistent with its investment objective and policies.

**Tax Risk.** A change in current tax law, a change in the business of a given MLP, or a change in the types of income earned by a given MLP could result in an MLP being treated as a corporation for United States federal income tax purposes, which would result in such MLP being required to pay United States federal income tax on its taxable income. Recent changes in regulations may cause some MLPs to be reclassified as corporations. The classification of an MLP as a corporation for United States federal income tax purposes would have the effect of reducing the amount of cash available for distribution by the MLP and causing any such distributions received by the Fund to be taxed as dividend income to the extent of the MLP's current or accumulated earnings and profits.

A reduction in the percentage of the income offset by tax deductions or an increase in sales of the Fund's MLP holdings that result in capital gains will reduce that portion of the Fund's distribution from an MLP treated as a return of capital and increase that portion treated as income, and may result in lower after-tax distributions to the Fund's common shareholders.

The Fund will accrue deferred income taxes for its future tax liability associated with the difference between the Fund's tax basis in an MLP security and the fair market value of the MLP security. On December 22, 2017, the Tax Cuts and Jobs Act was signed into law, which, among other things, reduced the top federal income tax rate applicable to the Fund from 35% to 21% and, accordingly, reduced the Fund's accrual rate for deferred federal income taxes. As a result, the Fund's deferred tax liability was significantly reduced which in turn resulted in an increase in the Fund's net asset value. Additional changes in tax laws or regulations, or interpretations thereof in the future, could adversely affect the Fund or the MLPs, MLP-related entities and other energy sector and energy utility companies in which the Fund invests.

**Valuation Risk.** Market prices generally will not be available for subordinated units, direct ownership of general partner interests, restricted securities or unregistered securities of certain MLPs or MLP-related entities, and the value of such investments will ordinarily be determined based on fair valuations determined pursuant to procedures adopted by the Board of Trustees. The value of these securities typically requires more reliance on the judgment of the Sub-Advisor than that required for securities for which there is an active trading market. In addition, the Fund relies on information provided by certain MLPs, which may not be received by the Fund in a timely manner, to calculate taxable income allocable to the MLP units held in the Fund's portfolio and to determine the tax character of distributions to common shareholders. From time to time the Fund will modify its estimates and/or assumptions as new information becomes available. To the extent the Fund modifies its estimates and/or assumptions, the net asset value of the Fund would likely fluctuate.

**Advisory and Sub-Advisory Agreements**

**Board Considerations Regarding Approval of Investment Management and Investment Sub-Advisory Agreements**

The Board of Trustees of First Trust MLP and Energy Income Fund (the "Fund"), including the Independent Trustees, unanimously approved the continuation of the Investment Management Agreement (the "Advisory Agreement") between the Fund and First Trust Advisors L.P. (the "Advisor") and the Investment Sub Advisory Agreement (the "Sub Advisory Agreement" and together with the Advisory Agreement, the "Agreements") among the Fund, the Advisor and Energy Income Partners, LLC (the "Sub-Advisor") for a one-year period ending June 30, 2019 at a meeting held on June

11, 2018. The Board determined that the continuation of the Agreements is in the best interests of the Fund in light of the nature, extent and quality of the services provided and such other matters as the Board considered to be relevant in the exercise of its reasonable business judgment.

To reach this determination, the Board considered its duties under the Investment Company Act of 1940, as amended (the “1940 Act”), as well as under the general principles of state law, in reviewing and approving advisory contracts; the requirements of the 1940 Act in such matters; the fiduciary duty of investment advisors with respect to advisory agreements and compensation; the standards used by courts in determining whether investment company boards have fulfilled their duties; and the factors to be considered by the Board in voting on such agreements. At meetings held on April 23, 2018 and June 11, 2018, the Board, including the Independent Trustees, reviewed materials provided by the Advisor and the Sub-Advisor responding to requests for information from counsel to the

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Independent Trustees that, among other things, outlined the services provided by the Advisor and the Sub-Advisor to the Fund (including the relevant personnel responsible for these services and their experience); the advisory fee rate payable by the Fund and the sub-advisory fee rate as compared to fees charged to a peer group of funds compiled by Management Practice, Inc. (“MPI”), an independent source (the “Peer Group”), and as compared to fees charged to other clients of the Advisor and the Sub-Advisor; expenses of the Fund as compared to expense ratios of the funds in the Peer Group; performance information for the Fund; the nature of expenses incurred in providing services to the Fund and the potential for economies of scale, if any; financial data on the Advisor and the Sub-Advisor; any fall out benefits to the Advisor and its affiliate, First Trust Capital Partners, LLC (“FTCP”), and the Sub-Advisor; and information on the Advisor’s and the Sub-Advisor’s compliance programs. The Board reviewed initial materials with the Advisor at the meeting held on April 23, 2018, prior to which the Independent Trustees and their counsel met separately to discuss the information provided by the Advisor and the Sub-Advisor. Following the April meeting, independent legal counsel on behalf of the Independent Trustees requested certain clarifications and supplements to the materials provided, and the information provided in response to those requests was considered at an executive session of the Independent Trustees and independent legal counsel held prior to the June 11, 2018 meeting, as well as at the meeting held that day. The Board applied its business judgment to determine whether the arrangements between the Fund and the Advisor and among the Fund, the Advisor and the Sub-Advisor continue to be reasonable business arrangements from the Fund’s perspective. The Board determined that, given the totality of the information provided with respect to the Agreements, the Board had received sufficient information to renew the Agreements. The Board considered that shareholders chose to invest or remain invested in the Fund knowing that the Advisor and the Sub-Advisor manage the Fund.

In reviewing the Agreements, the Board considered the nature, extent and quality of the services provided by the Advisor and the Sub-Advisor under the Agreements. With respect to the Advisory Agreement, the Board considered that the Advisor is responsible for the overall management and administration of the Fund and reviewed all of the services provided by the Advisor to the Fund, including the oversight of the Sub-Advisor, as well as the background and experience of the persons responsible for such services. The Board noted that the Advisor oversees the Sub-Advisor’s day-to-day management of the Fund’s investments, including portfolio risk monitoring and performance review. In reviewing the services provided, the Board noted the compliance program that had been developed by the Advisor and considered that it includes a robust program for monitoring the Advisor’s, the Sub-Advisor’s and the Fund’s compliance with the 1940 Act, as well as the Fund’s compliance with its investment objective, policies and restrictions. The Board also considered a report from the Advisor with respect to its risk management functions related to the operation of the Fund. Finally, as part of the Board’s consideration of the Advisor’s services, the Advisor, in its written materials and at the April 23, 2018 meeting, described to the Board the scope of its ongoing investment in additional infrastructure and personnel to maintain and improve the quality of services provided to the Fund and the other funds in the First Trust Fund Complex. With respect to the Sub-Advisory Agreement, in addition to the written materials provided by the Sub-Advisor, at the June 11, 2018 meeting, the Board also received a presentation from representatives of the Sub-Advisor discussing the services that the Sub-Advisor provides to the Fund, including the Sub-Advisor’s day-to-day management of the Fund’s investments. In considering the Sub-Advisor’s management of the Fund, the Board noted the background and experience of the Sub-Advisor’s portfolio management team. In light of the information presented and the considerations made, the Board concluded that the nature, extent and quality of the services provided to the Fund by the Advisor and the Sub-Advisor under the Agreements have been and are expected to remain satisfactory and that the Sub-Advisor, under the oversight of the Advisor, has managed the Fund consistent with its investment objective, policies and restrictions.

The Board considered the advisory and sub-advisory fee rates payable under the Agreements for the services provided. The Board noted that the sub-advisory fee is paid by the Advisor from its advisory fee. The Board received and reviewed information showing the advisory fee rates and expense ratios of the peer funds in the Peer Group, as well as advisory and unitary fee rates charged by the Advisor and the Sub-Advisor to other fund and non-fund clients, as applicable. With respect to the Peer Group, the Board noted its prior discussions with the Advisor and MPI

regarding the assembly of the Peer Group and, at the April 23, 2018 meeting, discussed with the Advisor limitations in creating a relevant peer group for the Fund, including that (i) the Fund is unique in its composition, which makes assembling peers with similar strategies and asset mix difficult; (ii) peer funds may use different amounts and types of leverage with different costs associated with them; (iii) five of the ten peer funds employ an advisor/sub-advisor management structure, and only three of those peer funds employ an unaffiliated sub-advisor; and (iv) some of the peer funds are part of a larger fund complex that may allow for additional economies of scale. The Board took these limitations into account in considering the peer data, and noted that the advisory fee rate payable by the Fund, based on average managed assets, was equal to the median of the Peer Group. With respect to fees charged to other clients, the Board considered differences between the Fund and other clients that limited their comparability. In considering the advisory fee rate overall, the Board also considered the Advisor's statement that it seeks to meet investor needs through innovative and value-added investment solutions and the Advisor's description of its long-term commitment to the Fund.

The Board considered performance information for the Fund. The Board noted the process it has established for monitoring the Fund's performance and portfolio risk on an ongoing basis, which includes quarterly performance reporting from the Advisor and Sub-Advisor for the Fund. The Board determined that this process continues to be effective for reviewing the Fund's performance. The Board received and reviewed information comparing the Fund's performance for periods ended December 31, 2017 to the performance

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of the peer funds in the Peer Group and to two benchmark indexes. In reviewing the Fund's performance as compared to the performance of the Peer Group, the Board took into account the limitations described above with respect to creating a relevant peer group for the Fund. Based on the information provided on net asset value performance, the Board noted that the Fund outperformed the Peer Group average for the one-, three and five-year periods ended December 31, 2017. The Board also noted that the Fund outperformed the Alerian MLP Total Return Index for the one-, three and five-year periods and the Wells Fargo Midstream MLP Total Return Index for the one- and three-year periods but underperformed the Wells Fargo Midstream MLP Total Return Index for the five-year period ended December 31, 2017. In addition, the Board considered information provided by the Advisor on the impact of leverage on the Fund's returns. The Board also received information on the Fund's annual distribution rate as of December 31, 2017 and the Fund's average trading discount for various periods and comparable information for a peer group. On the basis of all the information provided on the fees, expenses and performance of the Fund and the ongoing oversight by the Board, the Board concluded that the advisory and sub-advisory fees continue to be reasonable and appropriate in light of the nature, extent and quality of the services provided by the Advisor and the Sub-Advisor to the Fund under the Agreements.

The Board considered information and discussed with the Advisor whether there were any economies of scale in connection with providing advisory services to the Fund and noted the Advisor's statement that it believes its expenses will likely increase over the next twelve months as the Advisor continues to make investments in infrastructure and personnel. The Board determined that due to the Fund's closed-end structure, the potential for realization of economies of scale as Fund assets grow was not a material factor to be considered. The Board considered the revenues and allocated costs (including the allocation methodology) of the Advisor in serving as investment advisor to the Fund for the twelve months ended December 31, 2017 and the estimated profitability level for the Fund calculated by the Advisor based on such data, as well as complex-wide and product-line profitability data, for the same period. The Board noted the inherent limitations in the profitability analysis and concluded that, based on the information provided, the Advisor's profitability level for the Fund was not unreasonable. In addition, the Board considered fall-out benefits described by the Advisor that may be realized from its relationship with the Fund. The Board considered the ownership interest of FTCP in the Sub-Advisor and potential fall-out benefits to the Advisor from such ownership interest. The Board noted that in addition to the advisory fees paid by the Fund, the Advisor is compensated for fund reporting services pursuant to a separate Fund Reporting Services Agreement. The Board concluded that the character and amount of potential fall-out benefits to the Advisor were not unreasonable.

The Board considered that the Sub-Advisor's investment services expenses are primarily fixed, and that the Sub-Advisor has made recent investments in personnel and infrastructure and expects its expenses to increase over the next twelve months as it continues to make investments in additional personnel. The Board did not review the profitability of the Sub-Advisor with respect to the Fund. The Board noted that the Advisor pays the Sub-Advisor from its advisory fee, and its understanding that the Fund's sub-advisory fee rate was the product of an arm's length negotiation. The Board concluded that the profitability analysis for the Advisor was more relevant. The Board considered fall-out benefits that may be realized by the Sub-Advisor from its relationship with the Fund, including soft-dollar arrangements, and considered a summary of such arrangements. The Board also considered the potential fall-out benefits to the Sub-Advisor from FTCP's ownership interest in the Sub-Advisor. The Board concluded that the character and amount of potential fall-out benefits to the Sub-Advisor were not unreasonable.

Based on all of the information considered and the conclusions reached, the Board, including the Independent Trustees, unanimously determined that the terms of the Agreements continue to be fair and reasonable and that the continuation of the Agreements is in the best interests of the Fund. No single factor was determinative in the Board's analysis.

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Board of Trustees and Officers

First Trust MLP and Energy Income Fund (FEI)

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The following tables identify the Trustees and Officers of the Fund. Unless otherwise indicated, the address of all persons is 120 E. Liberty Drive, Suite 400, Wheaton, IL 60187.

The Fund's statement of additional information includes additional information about the Trustees and is available, without charge, upon request, by calling (800) 988-5891.

Name, Year of Birth and Position with the Fund	Term of Office and Year First Elected or Appointed <sup>(1)</sup>	Principal Occupations During Past 5 Years	Number of Portfolios in the First Trust Fund Complex Overseen by Trustee	Other Trusteeships or Directorships Held by Trustee During Past 5 Years
<b>INDEPENDENT TRUSTEES</b>				
Richard E. Erickson, Trustee (1951)	• Three Year Term Since Fund Inception	Physician; Officer, Wheaton Orthopedics; Limited Partner, Gundersen Real Estate Limited Partnership (June 1992 to December 2016); Member, Sportsmed LLC (April 2007 to November 2015)	159	None
Thomas R. Kadlec, Trustee (1957)	• Three Year Term Since Fund Inception	President, ADM Investor Services, Inc. (Futures Commission Merchant)	159	Director of ADM Investor Services, Inc., ADM Investor Services International, Futures Industry Association, and National Futures Association
Robert F. Keith, Trustee (1956)	• Three Year Term Since Fund Inception	President, Hibs Enterprises (Financial and Management Consulting)	159	Director of Trust Company of Illinois
Niel B. Nielson, Trustee (1954)	• Three Year Term Since Fund Inception	Senior Advisor (August 2018 to Present), Managing Director and Chief Operating Officer (January 2015 to August 2018), Pelita Harapan Educational Foundation (Educational Products and Services); President and Chief Executive Officer (June 2012 to September 2014), Servant Interactive LLC (Educational Products and Services); President and Chief Executive Officer (June 2012 to September 2014), Dew Learning LLC (Educational Products and Services)	159	Director of Covenant Transport, Inc. (May 2003 to May 2014)
<b>INTERESTED TRUSTEE</b>				
James A. Bowen <sup>(2)</sup> , Trustee and Chairman of the Board (1955)	• Three Year Term Since Fund Inception	Chief Executive Officer, First Trust Advisors L.P. and First Trust Portfolios L.P.; Chairman of the Board of Directors, BondWave LLC (Software Development Company) and Stonebridge Advisors LLC (Investment Advisor)	159	None

(1)

Currently, James A. Bowen and Niel B. Nielson, as Class III Trustees, are serving as trustees until the Fund's 2019 annual meeting of shareholders. Robert F. Keith, as a Class I Trustee, is serving as a trustee until the Fund's 2020 annual meeting of shareholders. Richard E. Erickson and Thomas R. Kadlec, as Class II Trustees, are serving as trustees until the Fund's 2021 annual meeting of shareholders.

<sup>(2)</sup> Mr. Bowen is deemed an "interested person" of the Fund due to his position as CEO of First Trust Advisors, L.P., investment advisor of the Fund.

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Name and Year of Birth	Position and Offices with Fund	Term of Office and Length of Service	Principal Occupations During Past 5 Years
<b>OFFICERS<sup>(3)</sup></b>			
James M. Dykas (1966)	President and Chief Executive Officer	<ul style="list-style-type: none"> <li>• Indefinite Term</li> <li>• Since January 2016</li> </ul>	Managing Director and Chief Financial Officer (January 2016 to Present), Controller (January 2011 to January 2016), Senior Vice President (April 2007 to January 2016), First Trust Advisors L.P. and First Trust Portfolios L.P.; Chief Financial Officer (January 2016 to Present), BondWave LLC (Software Development Company) and Stonebridge Advisors LLC (Investment Advisor)
Donald P. Swade (1972)	Treasurer, Chief Financial Officer and Chief Accounting Officer	<ul style="list-style-type: none"> <li>• Indefinite Term</li> <li>• Since January 2016</li> </ul>	Senior Vice President (July 2016 to Present), Vice President (April 2012 to July 2016), First Trust Advisors L.P. and First Trust Portfolios L.P.
W. Scott Jardine (1960)	Secretary and Chief Legal Officer	<ul style="list-style-type: none"> <li>• Indefinite Term</li> <li>• Since Fund Inception</li> </ul>	General Counsel, First Trust Advisors L.P. and First Trust Portfolios L.P.; Secretary and General Counsel, BondWave LLC; Secretary, Stonebridge Advisors LLC
Daniel J. Lindquist (1970)	Vice President	<ul style="list-style-type: none"> <li>• Indefinite Term</li> <li>• Since Fund Inception</li> </ul>	Managing Director, First Trust Advisors L.P. and First Trust Portfolios L.P.
Kristi A. Maher (1966)	Chief Compliance Officer and Assistant Secretary	<ul style="list-style-type: none"> <li>• Indefinite Term</li> <li>• Since Fund Inception</li> </ul>	Deputy General Counsel, First Trust Advisors L.P. and First Trust Portfolios L.P.

<sup>(3)</sup> The term “officer” means the president, vice president, secretary, treasurer, controller or any other officer who performs a policy making function.

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### Privacy Policy

First Trust MLP and Energy Income Fund (FEI)

October 31, 2018 (Unaudited)

### Privacy Policy

First Trust values our relationship with you and considers your privacy an important priority in maintaining that relationship. We are committed to protecting the security and confidentiality of your personal information.

### Sources of Information

We collect nonpublic personal information about you from the following sources:

- Information we receive from you and your broker-dealer, investment advisor or financial representative through interviews, applications, agreements or other forms;
- Information about your transactions with us, our affiliates or others;
- Information we receive from your inquiries by mail, e-mail or telephone; and
- Information we collect on our website through the use of “cookies”. For example, we may identify the pages on our website that your browser requests or visits.

### Information Collected

The type of data we collect may include your name, address, social security number, age, financial status, assets, income, tax information, retirement and estate plan information, transaction history, account balance, payment history, investment objectives, marital status, family relationships and other personal information.

### Disclosure of Information

We do not disclose any nonpublic personal information about our customers or former customers to anyone, except as permitted by law. In addition to using this information to verify your identity (as required under law), the permitted uses may also include the disclosure of such information to unaffiliated companies for the following reasons:

- In order to provide you with products and services and to effect transactions that you request or authorize, we may disclose your personal information as described above to unaffiliated financial service providers and other companies that perform administrative or other services on our behalf, such as transfer agents, custodians and trustees, or that assist us in the distribution of investor materials such as trustees, banks, financial representatives, proxy services, solicitors and printers.
- We may release information we have about you if you direct us to do so, if we are compelled by law to do so, or in other legally limited circumstances (for example to protect your account from fraud).

In addition, in order to alert you to our other financial products and services, we may share your personal information within First Trust.

### Use of Web Analytics

We currently use third party analytics tools, Google Analytics and AddThis, to gather information for purposes of improving First Trust’s website and marketing our products and services to you. These tools employ cookies, which are small pieces of text stored in a file by your web browser and sent to websites that you visit, to collect information, track website usage and viewing trends such as the number of hits, pages visited, videos and PDFs viewed and the length of user sessions in order to evaluate website performance and enhance navigation of the website. We may also collect other anonymous information, which is generally limited to technical and web navigation information such as the IP address of your device, internet browser type and operating system for purposes of analyzing the data to make First Trust’s website better and more useful to our users. The information collected does not include any personal identifiable information such as your name, address, phone number or email address unless you provide that information through the website for us to contact you in order to answer your questions or respond to your requests. To find out how to opt-out of these services click on: Google Analytics and AddThis.

### Confidentiality and Security

With regard to our internal security procedures, First Trust restricts access to your nonpublic personal information to those First Trust employees who need to know that information to provide products or services to you. We maintain physical, electronic and procedural safeguards to protect your nonpublic personal information.

Policy Updates and Inquiries

As required by federal law, we will notify you of our privacy policy annually. We reserve the right to modify this policy at any time, however, if we do change it, we will tell you promptly. For questions about our policy, or for additional copies of this notice, please go to [www.ftportfolios.com](http://www.ftportfolios.com), or contact us at 1-800-621-1675 (First Trust Portfolios) or 1-800-222-6822 (First Trust Advisors).

May 2017

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INVESTMENT ADVISOR

First Trust Advisors L.P.  
120 E. Liberty Drive, Suite 400  
Wheaton, IL 60187

INVESTMENT SUB-ADVISOR

Energy Income Partners, LLC  
10 Wright Street  
Westport, CT 06880

ADMINISTRATOR,  
FUND ACCOUNTANT,  
AND CUSTODIAN

The Bank of New York Mellon  
240 Greenwich Street  
New York, NY 10286

TRANSFER AGENT

BNY Mellon Investment Servicing (US) Inc.  
301 Bellevue Parkway  
Wilmington, DE 19809

INDEPENDENT REGISTERED  
PUBLIC ACCOUNTING FIRM

Deloitte & Touche LLP  
111 S. Wacker Drive  
Chicago, IL 60606

LEGAL COUNSEL

Chapman and Cutler LLP  
111 W. Monroe Street  
Chicago, IL 60603

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**Item 2. Code of Ethics.**

(a) The registrant, as of the end of the period covered by this report, has adopted a code of ethics that applies to the registrant's principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions, regardless of whether these individuals are employed by the registrant or a third party.

(c) There have been no amendments, during the period covered by this report, to a provision of the code of ethics that applies to the registrant's principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions, regardless of whether these individuals are employed by the registrant or a third party, and that relates to any element of the code of ethics description.

(d) The registrant has not granted any waivers, including an implicit waiver, from a provision of the code of ethics that applies to the registrant's principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions, regardless of whether these individuals are employed by the registrant or a third party, that relates to one or more of the items set forth in paragraph (b) of this item's instructions.

**Item 3. Audit Committee Financial Expert.**

As of the end of the period covered by the report, the Registrant's board of trustees has determined that Thomas R. Kadlec and Robert F. Keith are qualified to serve as audit committee financial experts serving on its audit committee and that each of them is "independent," as defined by Item 3 of Form N-CSR.

**Item 4. Principal Accountant Fees and Services.**

(a) *Audit Fees (Registrant)* -- The aggregate fees billed for each of the last two fiscal years for professional services rendered by the principal accountant for the audit of the registrant's annual financial statements or services that are normally provided by the accountant in connection with statutory and regulatory filings or engagements for those fiscal years were \$82,000 for the fiscal year ended October 31, 2018 and \$89,000 for the fiscal year ended October 31, 2017.

(b) *Audit-Related Fees (Registrant)* -- The aggregate fees billed for each of the last two fiscal years for assurance and related services by the principal accountant that are reasonably related to the performance of the audit of the registrant's financial statements and are not reported under paragraph (a) of this Item were \$0 for the fiscal year ended October 31, 2018 and \$0 for the fiscal year ended October 31, 2017.

*Audit-Related Fees (Investment Advisor)* -- The aggregate fees billed for each of the last two fiscal years for assurance and related services by the principal accountant that are reasonably related to the performance of the audit of the registrant's financial statements and are not reported under paragraph (a) of this Item were \$0 for the fiscal year ended October 31, 2018 and \$0 for the fiscal year ended October 31, 2017.

(c) *Tax Fees (Registrant)* -- The aggregate fees billed for each of the last two fiscal years for professional services rendered by the principal accountant for tax compliance, tax advice, and tax planning were \$42,000 for the fiscal year ended October 31, 2018 and \$42,000 for the fiscal year ended October 31, 2017.

*Tax Fees (Investment Advisor)* -- The aggregate fees billed for each of the last two fiscal years for professional services rendered by the principal accountant for tax compliance, tax advice, and tax planning were \$0 for the fiscal year ended October 31, 2018 and \$0 for the fiscal year ended October 31, 2017.



*All Other Fees (Registrant)* -- The aggregate fees billed for each of the last two fiscal years for products and services provided by the principal accountant to the Registrant, other than the services reported in paragraphs (a) through (c) of this Item were \$0 for the fiscal year ended October 31, 2018 and \$0 for the fiscal year ended October 31, 2017.

*All Other Fees (Investment Adviser)* The aggregate fees billed for each of the last two fiscal years for products and services provided by the principal accountant to the Registrant, other than the services reported in paragraphs (a) through (c) of this Item were \$0 for the fiscal year ended October 31, 2018 and \$0 for the fiscal year ended October 31, 2017.

(e)(1) Disclose the audit committee's pre-approval policies and procedures described in paragraph (c)(7) of Rule 2-01 of Regulation S-X.

Pursuant to its charter and its Audit and Non-Audit Services Pre-Approval Policy, the Audit Committee (the "Committee") is responsible for the pre-approval of all audit services and permitted non-audit services (including the fees and terms thereof) to be performed for the registrant by its independent auditors. The Chairman of the Committee is authorized to give such pre-approvals on behalf of the Committee up to \$25,000 and report any such pre-approval to the full Committee.

The Committee is also responsible for the pre-approval of the independent auditor's engagements for non-audit services with the registrant's adviser (not including a sub-adviser whose role is primarily portfolio management and is sub-contracted or overseen by another investment adviser) and any entity controlling, controlled by or under common control with the investment adviser that provides ongoing services to the registrant, if the engagement relates directly to the operations and financial reporting of the registrant, subject to the *de minimis* exceptions for non-audit services described in Rule 2-01 of Regulation S-X. If the independent auditor has provided non-audit services to the registrant's adviser (other than any sub-adviser whose role is primarily portfolio management and is sub-contracted with or overseen by another investment adviser) and any entity controlling, controlled by or under common control with the investment adviser that provides ongoing services to the registrant that were not pre-approved pursuant to its policies, the Committee will consider whether the provision of such non-audit services is compatible with the auditor's independence.

(e)(2) The percentage of services described in each of paragraphs (b) through (d) for the Registrant and the Registrant's investment adviser of this Item that were approved by the audit committee pursuant to the pre-approval exceptions included in paragraph (c)(7)(i)(c) or paragraph (c)(7)(ii) of Rule 2-01 of Regulation S-X are as follows:

(b) 0%

(c) 0%

(d) 0%

(f) The percentage of hours expended on the principal accountant's engagement to audit the registrant's financial statements for the most recent fiscal year that were attributed to work performed by persons other than the principal accountant's full-time, permanent employees was less than fifty percent.

(g) The aggregate non-audit fees billed by the registrant's accountant for services rendered to the registrant, and rendered to the registrant's investment adviser (not including any sub-adviser whose role is primarily portfolio management and is subcontracted with or overseen by another investment adviser), and any entity controlling, controlled by, or under common control with the adviser that provides ongoing services to the registrant for the Registrant's fiscal year ended October 31, 2018 were \$42,000 for the Registrant and \$48,190 for the Registrant's investment advisor and for the fiscal year ended October 31, 2017 were \$42,000 for the Registrant and \$44,000 for the Registrant's investment advisor.

(h) The registrant's audit committee of the board of directors has considered whether the provision of non-audit services that were rendered to the registrant's investment adviser (not including any sub-adviser whose role is

primarily portfolio management and is subcontracted with or overseen by another investment adviser), and any entity controlling, controlled by, or under common control with the investment adviser that provides ongoing services to the registrant that were not pre-approved pursuant to paragraph (c)(7)(ii) of Rule 2-01 of Regulation S-X is compatible with maintaining the principal accountant's independence.

**Item 5. Audit Committee of Listed Registrants.**

The Registrant has a separately designated audit committee consisting of all the independent directors of the (a) Registrant. The members of the audit committee are: Thomas R. Kadlec, Niel B. Nielson, Richard E. Erickson and Robert F. Keith.

**Item 6. Investments.**

(a) Schedule of Investments in securities of unaffiliated issuers as of the close of the reporting period is included as part of the report to shareholders filed under Item 1 of this form.

(b) Not applicable.

**Item 7. Disclosure of Proxy Voting Policies and Procedures for Closed-End Management Investment Companies.**

**Proxy Voting Policies and Procedures**

If an adviser exercises voting authority with respect to client securities, Advisers Act Rule 206(4)-6 requires the adviser to adopt and implement written policies and procedures reasonably designed to ensure that client securities are voted in the best interest of the client. This is consistent with legal interpretations which hold that an adviser's fiduciary duty includes handling the voting of proxies on securities held in client accounts over which the adviser exercises investment or voting discretion, in a manner consistent with the best interest of the client.

Absent unusual circumstances, EIP exercises voting authority with respect to securities held in client accounts pursuant to provisions in its advisory agreements. Accordingly, EIP has adopted these policies and procedures with the aim of meeting the following requirements of Rule 206(4)-6:

- ensuring that proxies are voted in the best interest of clients;
- addressing material conflicts that may arise between EIP's interests and those of its clients in the voting of proxies;
- disclosing to clients how they may obtain information on how EIP voted proxies with respect to the client's securities;
- describing to clients EIP's proxy voting policies and procedures and, upon request, furnishing a copy of the policies and procedures to the requesting client.

**Engagement of Institutional Shareholder Services Inc.**

With the aim of ensuring that proxies are voted in the best interest of EIP clients, EIP has engaged Institutional Shareholder Services Inc. ("ISS"), as its independent proxy voting service to provide EIP with proxy voting recommendations, as well as to handle the administrative mechanics of proxy voting. EIP has directed ISS to utilize its Proxy Voting Guidelines in making recommendations to vote, as those guidelines may be amended from time to time.

**Conflicts of Interest in Proxy Voting**

There may be instances where EIP's interests conflict, or appear to conflict, with client interests in the voting of proxies. For example, EIP may provide services to, or have an investor who is a senior member of, a company whose management is soliciting proxies. There may be a concern that EIP would vote in favor of management because of its

relationship with the company or a senior officer. Or, for example, EIP (or its senior executive officers) may have business or personal relationships with corporate directors or candidates for directorship.

EIP addresses these conflicts or appearances of conflicts by ensuring that proxies are voted in accordance with the recommendations made by ISS, an independent third party proxy voting service. As previously noted, in most cases, proxies will be voted in accordance with ISS's own pre-existing proxy voting guidelines.

### **Disclosure on How Proxies Were Voted**

EIP discloses to clients in its Form ADV how clients can obtain information on how their proxies were voted, by contacting EIP at its office in Westport, CT. EIP also discloses in the ADV a summary of these proxy voting policies and procedures and that upon request, clients will be furnished a full copy of these policies and procedures.

It is the responsibility of the CCO to ensure that any requests made by clients for proxy voting information are responded to in a timely fashion and that a record of requests and responses are maintained in EIP's books and records.

### **Proxy Materials**

EIP personnel instructs custodians to forward to ISS all proxy materials received on securities held in EIP client accounts.

### **Limitations**

In certain circumstances, where EIP has determined that it is consistent with the client's best interest, EIP will not take steps to ensure that proxies are voted on securities in the client's account. The following are circumstances where this may occur:

\***Limited Value**: Proxies will not be required to be voted on securities in a client's account if the value of the client's economic interest in the securities is indeterminable or insignificant (less than \$1,000). Proxies will also not be required to be voted for any securities that are no longer held by the client's account.

\***Securities Lending Program**: When securities are out on loan, they are transferred into the borrower's name and are voted by the borrower, in its discretion. In most cases, EIP will not take steps to see that loaned securities are voted. However, where EIP determines that a proxy vote, or other shareholder action, is materially important to the client's account, EIP will make a good faith effort to recall the security for purposes of voting, understanding that in certain cases, the attempt to recall the security may not be effective in time for voting deadlines to be met.

\***Unjustifiable Costs**: In certain circumstances, after doing a cost-benefit analysis, EIP may choose not to vote where the cost of voting a client's proxy would exceed any anticipated benefits to the client of the proxy proposal.

### **Oversight of Policy**

The Chief Compliance Officer ("CCO") will follow the following procedures with respect to the oversight of each proxy advisory firm retained by the Adviser(s):

Periodically, but no less frequently than semi-annually, sample proxy votes to review whether they complied with the Advisers' proxy voting policies and procedures including a review of those items that relate to certain proposals that may require more analysis (e.g. other than voting for directors).

Collect information, no less frequently than annually, reasonably sufficient to support the conclusion that the proxy voting service provide has the capacity and competency to adequately analyze proxy issues. In this regard, the CCO shall consider, among other things:

- o the adequacy and quality of the proxy advisory firm's staffing and personnel; the robustness of its policies and procedures regarding its ability to (i) ensure that its proxy voting recommendations are based on current and accurate information and (ii) identify and address any conflicts of interest; and any other considerations that the CCO believes would be appropriate in considering the nature and quality of the services provided by the proxy voting service.

For purposes of these procedures, the CCO may rely upon information posted by a proxy advisory firm on its website, provided that the proxy advisory firm represents that the information is complete and current.

### **Recordkeeping on Proxies**

In it the responsibility of EIP's CCO to ensure that the following proxy voting records are maintained:

- a copy of EIP's proxy voting policies and procedures;
- a copy of all proxy statements received on securities in client accounts (EIP may rely on ISS or the SEC's EDGAR system to satisfy this requirement);
- a record of each vote cast on behalf of a client (EIP relies on ISS to satisfy this requirement);
- a copy of any document prepared by EIP that was material to making a voting decision or that memorializes the basis for that decision;
- a copy of each written client request for information on how proxies were voted on the client's behalf or for a copy of EIP's proxy voting policies and procedures, and
- a copy of any written response to any client request for information on how proxies were voted on their behalf or furnishing a copy of EIP's proxy voting policies and procedures.

The CCO will see that these books and records are made and maintained in accordance with the requirements and time periods provided in Rule 204-2 of the Advisers Act.

For any registered investment companies advised by EIP, votes made on its behalf will be stored electronically or otherwise recorded so that they are available for preparation of the Form N-PX, Annual Report of Proxy Voting Record of Registered Management Investment Company.

### **Item 8. Portfolio Managers of Closed-End Management Investment Companies.**

#### **(a)(1) Identification of Portfolio Managers or Management Team Members and Description of Role of Portfolio Managers or Management Team Members**

Information provided as of December 27, 2018.

Energy Income Partners, LLC

Energy Income Partners, LLC ("EIP"), located in Westport, CT, was founded in 2003 to provide professional asset management services in the area of energy-related master limited partnerships ("MLPs") and other high-payout securities such as pipeline companies, power utilities, YieldCos, and energy infrastructure real estate investment trusts ("REITs"). EIP mainly focuses on investments in energy-related infrastructure assets such as pipelines, power transmission and distribution, petroleum storage and terminals that receive fee-based or regulated income from their corporate and individual customers. As of October 31, 2018, EIP manages or supervises approximately \$5.8 billion of assets. EIP advises two privately offered partnerships for U.S. high net worth individuals and an open-end mutual fund. EIP also manages separately managed accounts and provides its model portfolio to unified managed accounts.

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Finally, EIP serves as a sub-advisor to three closed-end management investment companies in addition to the Fund, an actively managed exchange-traded fund (“ETF”), a sleeve of an actively managed ETF, a sleeve of a series of a variable insurance trust, and an open-end UCITS fund incorporated in Ireland. EIP is a registered investment advisor with the Securities and Exchange Commission.

James J. Murchie, Portfolio Manager

James J. Murchie is the Founder, Chief Executive Officer, co-portfolio manager and a Principal of Energy Income Partners. After founding Energy Income Partners in October 2003, Mr. Murchie and the Energy Income Partners investment team joined Pequot Capital Management Inc. (“Pequot Capital”) in December 2004. In August 2006, Mr. Murchie and the Energy Income Partners investment team left Pequot Capital and re-established Energy Income Partners. Prior to founding Energy Income Partners, Mr. Murchie was a Portfolio Manager at Lawhill Capital Partners, LLC (“Lawhill Capital”), a long/short equity hedge fund investing in commodities and equities in the energy and basic industry sectors. Before Lawhill Capital, Mr. Murchie was a Managing Director at Tiger Management, LLC, where his primary responsibility was managing a portfolio of investments in commodities and related equities. Mr. Murchie was also a Principal at Sanford C. Bernstein. He began his career at British Petroleum, PLC. Mr. Murchie holds a BA from Rice University and an MA from Harvard University.

Eva Pao, Co-Portfolio Manager

Eva Pao is a Principal of Energy Income Partners and is co-portfolio manager. She has been with EIP since inception in 2003. From 2005 to mid-2006, Ms. Pao joined Pequot Capital Management during EIP’s affiliation with Pequot. Prior to Harvard Business School, Ms. Pao was a Manager at Enron Corp where she managed a portfolio in Canadian oil and gas equities for Enron’s internal hedge fund that specialized in energy-related equities and managed a natural gas trading book. Ms. Pao holds degrees from Rice University and Harvard Business School.

John K. Tysseland, Co-Portfolio Manager

John Tysseland is a Principal and co-portfolio manager. From 2005 to 2014, he worked at Citi Research most currently serving as a Managing Director where he covered midstream energy companies and MLPs. From 1998 to 2005, he worked at Raymond James & Associates as a Vice President who covered the oilfield service industry and established the firm’s initial coverage of MLPs in 2001. Prior to that, he was an Equity Trader at Momentum Securities from 1997 to 1998 and an Assistant Executive Director at Sumar Enterprises from 1996 to 1997. He graduated from The University of Texas at Austin in 1996 with a BA in economics.

**(a)(2) Other Accounts Managed by Portfolio Managers or Management Team Member and Potential Conflicts of Interest**

Information provided as of October 31, 2018.

Name of Portfolio Manager or Team Member	Type of Accounts*	Total # of Accounts Managed**	Total Assets	# of Accounts Managed for which Advisory Fee is Based	Total Assets for which Advisory Fee is Based

		on <u>Performance</u>	
1. James Murchie	Registered Investment Companies: 7	\$3,576 0	\$0
	Other Pooled Investment Vehicles: 3	\$226 2	\$214
	Other Accounts: 406	\$1,273 0	\$0
2. Eva Pao	Registered Investment Companies: 7	\$3,576 0	\$0
	Other Pooled Investment Vehicles: 3	\$226 2	\$214
	Other Accounts: 406	\$1,273 0	\$0
3. John Tysseland	Registered Investment Companies: 7	\$3,576 0	\$0
	Other Pooled Investment Vehicles: 3	\$226 2	\$214
	Other Accounts: 406	\$1,273 0	\$0

\*Examples for Types of Accounts:

Other Registered Investment Companies: Any investment vehicle which is registered with the SEC, such as mutual funds of registered hedge funds.

Other Pooled Investment Vehicles: Any unregistered account for which investor assets are pooled together, such as an unregistered hedge fund.

Other Accounts: Any accounts managed not covered by the other two categories, such as privately managed accounts.

### **Portfolio Manager Potential Conflicts of Interests**

Potential conflicts of interest may arise when a fund's portfolio manager has day-to-day management responsibilities with respect to one or more other funds or other accounts, as is the case for the portfolio managers of the Fund. These potential conflicts may include:

Besides the Fund, Energy Income Partners, LLC ("EIP") portfolio managers serves as portfolio managers to separately managed accounts and provides its model portfolio to unified managed accounts and serve as portfolio managers to three closed-end management investment companies other than the Fund, an actively managed exchange-traded fund (ETF), a sleeve of an ETF, a sleeve of a series of a variable insurance trust and Irish domiciled UCITs Fund.

The portfolio managers also serve as portfolio managers two private investment funds (the "Private Funds"), both of which have a performance fee and an open end registered mutual fund.

EIP has written policies and procedures regarding order aggregation and allocation that seek to ensure that all accounts are treated fairly and equitably and that no account is at a disadvantage. EIP will generally execute client transactions on an aggregated basis when EIP believes that to do so will allow it to obtain best execution and to negotiate more favorable commission rates or avoid certain transaction costs that might have otherwise been paid had such orders been placed independently. EIP's ability to implement this may be limited by an account's custodian, directed brokerage arrangements or other constraints limiting EIP's use of a common executing broker.

An aggregated order may be allocated on a basis different from that specified herein provided that all clients receive fair and equitable treatment and there is a legitimate reason for the different allocation. Reasons for deviation may include (but are not limited to): a client's investment guidelines and restrictions, available cash, liquidity or legal reasons, and to avoid odd-lots or in cases when an allocation would result in a de minimis allocation to one or more clients.

Notwithstanding the above, due to differing tax ramifications and compliance ratios, as well as dissimilar risk constraints and tolerances, accounts with similar investment mandates may trade the same securities at differing points in time. Additionally, for the reasons noted above, certain accounts, including funds in which EIP, its affiliates and/or employees ("EIP Funds") have a financial interest including proprietary funds, may trade separately from other accounts and participate in transactions which are deemed to be inappropriate for other accounts with similar investment mandates. Further, during periods in which EIP intends to trade the same securities across multiple accounts, transactions for those accounts that must be traded through specific brokers and/or platforms will often be executed after those for accounts over which EIP exercises full brokerage discretion, including the EIP Funds.

**(a)(3) Compensation Structure of Portfolio Managers or Management Team Members**

**Portfolio Manager Compensation**

Information provided as of October 31, 2018.

The Fund's portfolio managers are compensated by a competitive minimum base salary and share in the profits of EIP in relation to their ownership of EIP. The profits of EIP are influenced by the assets under management and the performance of the Funds (i.e. all Funds managed or sub-advised by EIP) as described above. Therefore, their success is based on the growth and success for all the funds, not just the funds that charge an incentive fee. The Fund's portfolio managers understand that you cannot have asset growth without the trust and confidence of investors, therefore, they do not engage in taking undue risk to generate performance.

The compensation of the EIP team members is determined according to prevailing rates within the industry for similar positions. EIP wishes to attract, retain and reward high quality personnel through a competitive compensation package.

**(a)(4) Disclosure of Securities Ownership**

Information provided as of October 31, 2018.

Name	Dollar Range of Fund Shares Beneficially Owned
James J. Murchie	\$0
Eva Pao	\$0
John Tysseland	\$0

**(b)** Not applicable.

**Item 9. Purchases of Equity Securities by Closed-End Management Investment Company and Affiliated Purchasers.**

Not applicable.

**Item 10. Submission of Matters to a Vote of Security Holders.**

At the registrant's organizational meeting the registrant's Board of Trustees adopted a Nominating and Governance Committee Charter which includes procedures by which shareholders may recommend nominees to the registrant's board of trustees as described below:

When a vacancy on the Board of Trustees of a First Trust Fund occurs and nominations are sought to fill such vacancy, the Nominating and Governance Committee may seek nominations from those sources it deems appropriate in its discretion, including shareholders of the Fund. A shareholder may recommend a person for nomination as a candidate at any time. If a recommendation is received with satisfactorily completed information (as set forth below) regarding a candidate during a time when a vacancy exists on the Board or during such other time as the Committee is accepting recommendations, the recommendation will be forwarded to the Chair of the Committee and the outside counsel to the independent trustees. Recommendations received at any other time will be kept on file until such time as the Committee is accepting recommendations, at which point they may be considered for nomination.

To submit a recommendation for nomination as a candidate for a position on the Board of Trustees, shareholders of the Fund shall mail such recommendation to W. Scott Jardine, Secretary, at the Fund's address, 120 East Liberty Drive, Suite 400, Wheaton, Illinois 60187. Such recommendation shall include the following information: (i) a statement in writing setting forth (A) the name, age, date of birth, business address, residence address and nationality of the person or persons to be nominated; (B) the class or series and number of all shares of the Registrant owned of record or beneficially by each such person or persons, as reported to such shareholder by such nominee(s); (C) any other information regarding each such person required by paragraphs (a), (d), (e) and (f) of Item 401 of Regulation S-K or paragraph (b) of Item 22 of Rule 14a-101 (Schedule 14A) under the Securities Exchange Act of 1934, as amended (the "Exchange Act") (or any successor provision thereto); (D) any other information regarding the person or persons to be nominated that would be required to be disclosed in a proxy statement or other filings required to be made in connection with solicitation of proxies for election of trustees or directors pursuant to Section 14 of the Exchange Act and the rules and regulations promulgated thereunder; and (E) whether such shareholder believes any nominee is or will be an "interested person" of the Registrant (as defined in the Investment Company Act of 1940) and, if not an "interested person," information regarding each nominee that will be sufficient for the Registrant to make such determination; and (ii) the written and signed consent of any person to be nominated to be named as a nominee and to serve as a trustee if elected. In addition, the trustees may require any proposed nominee to furnish such other information as they may reasonably require or deem necessary to determine the eligibility of such proposed nominee to serve as a trustee. The Committee will not consider new trustee candidates who are 72 years of age or older.

A copy of the Nominating and Governance Committee Charter is available on the Registrant's website at [www.ftportfolios.com](http://www.ftportfolios.com).

**Item 11. Controls and Procedures.**

The Registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the Registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act") (17 CFR 270.30a-3(c))) are effective, as of a date (a) within 90 days of the filing date of the report that includes the disclosure required by this paragraph, based on their evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rules 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934, as amended (17 CFR 240.13a-15(b) or 240.15d-15(b)).



- (b) There were no changes in the Registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act (17 CFR 270.30a-3(d)) that occurred during the Registrant's second fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the Registrant's internal control over financial reporting.

**Item 12. Disclosure of Securities Lending Activities for Closed-End Management Investment Companies.**

Not applicable.

**Item 13. Exhibits.**

(a)(1) Not applicable.

(a)(2) Certifications pursuant to Rule 30a-2(a) under the 1940 Act and Section 302 of the Sarbanes-Oxley Act of 2002 are attached hereto.

(a)(3) Not applicable.

(b) Certifications pursuant to Rule 30a-2(b) under the 1940 Act and Section 906 of the Sarbanes-Oxley Act of 2002 are attached hereto.

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(registrant) First Trust MLP and Energy Income Fund

By (Signature and Title)\* /s/ James M. Dykas  
James M. Dykas, President and Chief Executive Officer  
(principal executive officer)

Date December 21, 2018

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By (Signature and Title)\* /s/ James M. Dykas  
James M. Dykas, President and Chief Executive Officer  
(principal executive officer)

Date December 21, 2018

By (Signature and Title)\* /s/ Donald P. Swade  
Donald P. Swade, Treasurer, Chief Financial Officer  
and Chief Accounting Officer  
(principal financial officer)

Date December 21, 2018

\* Print the name and title of each signing officer under his or her signature.