FIRST TRUST ENERGY INFRASTRUCTURE FUND
Form N-CSR
February 06, 2014

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 811-22528

First Trust Energy Infrastructure Fund
(Exact name of registrant as specified in charter)

120 East Liberty Drive, Suite 400
Wheaton, IL 60187
(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: 630-765-8000

Date of fiscal year end: November 30

Date of reporting period: November 30, 2013

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 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. ss. 3507.

ITEM 1. REPORTS TO STOCKHOLDERS.

The Report to Shareholders is attached herewith.

FIRST TRUST

E N E R G Y
INFRASTRUCTURE

FUND
(FIF)

ANNUAL REPORT
FOR THE YEAR ENDED
NOVEMBER 30, 2013

FIRST TRUST

ENERGY INCOME PARTNERS, LLC

TABLE OF CONTENTS

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
ANNUAL REPORT
NOVEMBER 30, 2013

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 events or 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 Energy Infrastructure 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 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.

HOW TO READ THIS REPORT

This report contains information that may help you evaluate your investment. 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 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 risks of investing in the Fund are spelled out in the prospectus, the statement of additional information, this report and other Fund regulatory filings.

SHAREHOLDER LETTER

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
ANNUAL LETTER FROM THE CHAIRMAN AND CEO
NOVEMBER 30, 2013

Dear Shareholders:

I am pleased to present you with the annual report for your investment in First Trust Energy Infrastructure Fund (the "Fund").

As a shareholder, twice a year you receive a detailed report about your investment, including portfolio commentary from the Fund's management team, a performance analysis and a market and Fund outlook. Additionally, First Trust Advisors L.P. ("First Trust") compiles the Fund's financial statements for you to review. These reports are intended to keep you up-to-date on your investment, and I encourage you to read this document and discuss it with your financial advisor.

As you are probably aware, the twelve months covered by this report saw both challenging economic and political issues in the U.S. However, the period was still positive for the markets. In fact, the S&P 500 Index, as measured on a total return basis, rose 30.30% during the twelve months ended November 30, 2013. Of course, past performance can never be an indicator of future performance, but First Trust believes that staying invested in quality products through up and down markets and having a long-term horizon can help investors as they work toward their financial goals.

First Trust continues to offer a variety of products that we believe could fit the financial plans for many investors seeking long-term investment success. Your financial advisor can tell you about the other investments First Trust offers that might fit your financial goals. We encourage you to discuss those goals with your financial advisor regularly so that he or she can help keep you on track and help you choose investments that match your goals.

First Trust will continue to make available up-to-date information about your investments so you and your financial advisor are current on any First Trust investments you own. We value our relationship with you, and thank you for the opportunity to assist you in achieving your financial goals.

Sincerely,

/s/ James A. Bowen

James A. Bowen
Chairman of the Board of Trustees
Chief Executive Officer of First Trust Advisors L.P.

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
"AT A GLANCE"
AS OF NOVEMBER 30, 2013 (UNAUDITED)

FUND STATISTICS	
Symbol on New York Stock Exchange	FIF
Common Share Price	$21.71
Common Share Net Asset Value ("NAV")	$22.30
Premium (Discount) to NAV	(2.65)%
Net Assets Applicable to Common Shares	$391,336,390
Current Monthly Distribution per Common Share (1)	$0.1100
Current Annualized Distribution per Common Share	$1.3200
Current Distribution Rate on Closing Common Share Price (2)	6.08%
Current Distribution Rate on NAV (2)	5.92%

COMMON SHARE PRICE & NAV (WEEKLY CLOSING PRICE)

Common Share Price NAV

11/12	$21.26	$22.74
	21.57	22.47
	21.40	22.40
	21.94	22.19
	20.70	21.47
12/12	20.43	20.93
	22.19	22.34
	22.10	22.53
	22.35	22.87
1/13	22.32	23.13
	22.64	23.35
	22.73	23.37
	23.00	23.34
2/13	22.84	23.38
	23.61	23.38
	23.05	23.78
	22.87	23.87
	23.07	24.38
3/13	23.83	24.94
	23.36	24.48
	24.69	24.96
	24.23	24.94
4/13	24.79	25.11
	24.70	25.02
	25.32	25.26
	25.21	25.35
	24.75	25.07
5/13	23.08	23.86
	23.50	24.02
	23.60	24.02
	21.53	23.10
6/13	23.81	24.03
	24.39	23.82
	24.10	24.98
	23.62	24.90
7/13	24.12	24.97
	25.08	24.59
	23.17	24.46
	22.25	23.79
	22.25	23.98
8/13	22.12	23.64
	22.02	23.20
	21.75	23.18
	22.00	23.75
9/13	21.68	23.72
	21.65	23.48
	21.46	23.71
	21.98	24.17
10/13	23.47	24.63
	21.27	22.56
	21.12	22.32
	21.84	22.58
	21.24	22.49
11/13	21.71	22.31

PERFORMANCE

	1 Year Ended 11/30/2013	Average Annual Total Return Inception (9/27/2011) to 11/30/2013
Fund Performance (3)		
NAV	17.76%	20.15%
Market Value	22.11%	16.16%
Index Performance		
Philadelphia Stock Exchange Utility Index	10.37%	7.85%
Alerian MLP Total Return Index	21.61%	20.31%
Blended Benchmark (4)	16.12%	14.20%

INDUSTRY CLASSIFICATION	% OF TOTAL INVESTMENTS
Pipelines	53.1%
Electric Power	32.7
Propane	5.0
Coal	2.7
Marine	2.6
Natural Gas Utility	1.5
Gathering & Processing	0.9
Other	1.5
Total	100.0%

TOP 10 HOLDINGS	% OF TOTAL INVESTMENTS
Enbridge Energy Management, LLC	8.0%
Kinder Morgan Management, LLC	8.0
Southern (The) Co.	4.9
Kinder Morgan, Inc.	4.2
NextEra Energy, Inc.	4.0
Dominion Resources, Inc.	3.8
Williams (The) Cos., Inc.	3.2
UGI Corp.	3.1
Northeast Utilities	3.0
Duke Energy Corp.	2.9
Total	45.1%

(1) Most recent distribution paid or declared through 11/30/2013. 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 11/30/2013. 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 less than one year. Past performance is not indicative of future results.

(4) The blended benchmark consists of the following: Philadelphia Stock Exchange Utility Index (50%) and Alerian MLP Total Return Index (50%).

PORTFOLIO COMMENTARY

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
ANNUAL REPORT
NOVEMBER 30, 2013

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 and Canadian income equities. 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 $4.1 billion of assets as of November 30, 2013. Private funds advised by EIP include a partnership for U.S. high net worth individuals and a master-and-feeder fund for institutions. EIP also serves as an advisor to separately managed accounts for individuals and institutions and provides its model portfolio to unified managed accounts. EIP is a registered investment advisor and serves as a sub-advisor to two closed-end management investment companies in addition to the First Trust Energy Infrastructure Fund ("FIF" or the "Fund") and an actively managed exchange-traded fund (ETF).

PORTFOLIO MANAGEMENT TEAM

JAMES J. MURCHIE PORTFOLIO MANAGER FOUNDER AND CEO OF ENERGY INCOME PARTNERS, LLC	EVA PAO CO-PORTFOLIO MANAGER PRINCIPAL OF ENERGY INCOME PARTNERS, LLC

COMMENTARY

FIRST TRUST ENERGY INFRASTRUCTURE FUND

The investment objective of the Fund is to seek a high level of total return with an emphasis on current distributions paid to shareholders. The Fund pursues its objective by investing primarily in securities of companies engaged in the energy infrastructure sector. These companies principally include publicly-traded master limited partnerships ("MLPs"), MLP affiliates, Canadian income equities, pipeline companies, utilities and other infrastructure-related companies that derive at least 50% of their revenues from operating or providing services in support of infrastructure assets such as pipelines, power transmission and petroleum and natural gas storage in the petroleum, natural gas and power generation industries (collectively, "Energy Infrastructure Companies"). Under normal market conditions, the Fund invests at least 80% of its managed assets (total asset value of the Fund minus the sum of the Fund's liabilities other than the principal amount of borrowing) in securities of Energy Infrastructure Companies. 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 Philadelphia Stock Exchange Utility Index ("UTY"), the total return for energy-related MLPs and utilities over the fiscal year ended November 30, 2013, was 21.61% and 10.37%, respectively. These figures are according to data collected from several sources, including Alerian Capital Management and Bloomberg.

PERFORMANCE ANALYSIS

On a Net Asset Value ("NAV") basis, the Fund provided a total return1 of 17.76%, including the reinvestment of dividends, for the fiscal year ended November 30, 2013. This compares, according to collected data, to a total return of 16.12% for the average of the two benchmarks (21.61% for AMZX and 10.37% for UTY). Unlike the Fund, the indices do not incur fees and expenses. On a market value basis, the Fund had a total return, including the reinvestment of dividends, of 22.11% for the fiscal year ended November 30, 2013. The Fund's discount to NAV narrowed over the course of the period. On November 30, 2013, the Fund was priced at $21.71, while the NAV was $22.30, a discount of 2.65%. On November 30, 2012, the Fund was priced at $21.34, while the NAV was $22.74, a discount of 6.16%.

1 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 less than one year. Past performance is not indicative of future results.

The Fund declared regular monthly Common Share distributions of $0.1085 per share in December 2012 and $0.11 per share for each month from January through November 2013. In addition, the Fund declared special distributions of $0.988 per share short-term capital gain and $0.095 per share long-term capital gain in December 2012 and $1.73 per share long-term capital gain in November 2013.

The outperformance of the Fund's NAV relative to the 16.12% average of the AMZX and UTY benchmarks was driven by outperforming positions that made up a larger portion of the Fund than of the respective benchmarks. The companies held by the Fund tended to have non-cyclical and/or regulated businesses like pipelines, power transmission and distribution and storage terminals, while the benchmarks included numerous companies that operated businesses whose earnings and cash flows were more cyclical. This approach had a favorable impact on performance relative to the benchmarks over the reporting period.

An important factor that affected the return of the Fund was its use of financial leverage through the use of a line of credit. The Fund has a committed facility agreement with The Bank of Nova Scotia with a maximum commitment amount of $165,000,000. The Fund uses leverage because its 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 volatility of 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 shareholder total return is magnified by the use of leverage, and conversely, leverage may enhance Common Share returns during periods when the prices of securities held by the Fund generally are rising. Unlike the Fund, AMZX and UTY are not leveraged. Leverage had a positive impact on the performance of the Fund over this reporting period.

MARKET AND FUND OUTLOOK

MLPs continue to play an integral role in the restructuring of more diversified energy conglomerates. This restructuring includes the creation by these more diversified conglomerates of subsidiaries with high dividend payout ratios that contain assets with stable cash flows such as pipelines, storage terminals and electric power assets with long-term fixed-price contracts. These new subsidiaries take the form of an MLP or a C-corporation. The restructuring can also include the divestiture by some of the parent companies of most or all of their cyclical businesses, leaving the parent company looking very similar to an old-fashioned pipeline utility with a large holding in a subsidiary MLP. Diversified energy conglomerates are doing this so that their infrastructure assets with predictable cash flows may be better valued by the market, resulting in a better financing tool to raise capital for the new energy infrastructure projects related to the rapid growth of North American oil and gas production and the need to upgrade the power grid. This corporate activity also includes companies that are categorized as utilities or members of utility indices.

The MLP asset class has experienced 19 IPOs so far in 2013, as of November 30, 2013. There was a healthy level of secondary financing activity for MLPs during the reporting period, as they continued to fund their ongoing investments in new pipelines, processing and storage facilities. There have been 64 secondary equity offerings in 2013 through November 30, 2013, which raised $18.9 billion in proceeds. In 2012, there were a total of 67 secondary equity offerings for MLPs that raised $25.0 billion. MLPs also found access to the public debt markets, raising $19.6 billion in 23 offerings in 2013 through November 30, 2013. This compares to $18.2 billion in 2012 (Source: Barclays Capital). The combination of equity and debt raised in 2012 of approximately $43 billion represents approximately 11% of the roughly $389 billion MLP market cap.

Capital spending for utilities continues to increase. As measured by UTY, capital expenditures for the power utility industry have grown from $77 billion in 2011 to $80 billion in 2012. This growth in expenditures is in response to needs such as reliability, interconnection, modernization and growing demand. These capital investments are supported, in part, by federal and state regulation, which allows companies to recoup investments they have made in their rate structure.

The Fund continues to weight the portfolio towards Energy Infrastructure Companies 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. Since the Fund invests in securities that tend to have high dividend payout ratios (as measured versus earnings), securities with unpredictable cyclical cash flows make them a poorer fit with the portfolio, in the opinion of the Sub-Advisor. While there are some businesses within the Fund's portfolio whose cash flows are cyclical, they are usually small and analyzed in the context of each company's financial and operating leverage and payout ratio.

While in the short term, share appreciation of Energy Infrastructure Companies can be volatile, we believe that over the longer term, share appreciation will approximate growth in per share quarterly cash distributions and dividends. Over the last 10 years, growth in per share MLP distributions and utility dividends has averaged 6.8% and 5.7%, respectively. Over the last 12 months, the cash distributions of MLPs and utilities increased by about 6.9% and 3.0%, respectively (Source: Alerian Capital Management and Bloomberg).

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
PORTFOLIO OF INVESTMENTS
NOVEMBER 30, 2013

SHARES/ UNITS	DESCRIPTION	
COMMON STOCKS - 100.4%		
	ELECTRIC UTILITIES - 26.6%	
30,000	American Electric Power Co., Inc.	$
220,800	Duke Energy Corp. (a)	
224,400	Emera, Inc. (CAD) (a)	
180,800	Fortis, Inc. (CAD) (a)	
98,600	ITC Holdings Corp. (a)	
248,300	NextEra Energy, Inc. (a)	
378,600	Northeast Utilities (a)	
127,400	NRG Yield, Inc., Class A (a)	
636,900	Southern (The) Co. (a)	
	GAS UTILITIES - 8.3%	
50,800	Atmos Energy Corp. (a)	
119,385	Laclede Group, Inc. (a)	
375,500	Questar Corp. (a)	
400,479	UGI Corp. (a)	
	MULTI-UTILITIES - 17.1%	
113,200	ATCO, Ltd. (CAD) (a)	
149,000	Canadian Utilities, Ltd., Class A (CAD) (a)	
50,000	CMS Energy Corp.	
306,900	Dominion Resources, Inc. (a)	
177,000	National Grid PLC, ADR (a)	
242,800	NiSource, Inc. (a)	
60,000	Scana Corp.	
29,000	Sempra Energy (a)	
265,100	Wisconsin Energy Corp. (a)	

	OIL, GAS & CONSUMABLE FUELS - 48.4%	
1,481,580	Enbridge Energy Management, LLC (a) (b)	
508,600	Enbridge Income Fund Holdings, Inc. (CAD) (a)	
253,569	Enbridge, Inc. (a)	
467,000	Inter Pipeline, Ltd. (CAD) (a)	
49,300	Keyera Corp. (CAD) (a)	
547,883	Kinder Morgan Management, LLC (a) (b)	
616,500	Kinder Morgan, Inc. (a)	
202,100	Pembina Pipeline Corp. (CAD) (a)	
399,400	Spectra Energy Corp. (a)	
253,100	TransCanada Corp. (a)	
476,700	Williams (The) Cos., Inc. (a)	
	TOTAL COMMON STOCKS	
	(Cost $371,111,334)	
MASTER LIMITED PARTNERSHIPS - 34.1%		
	GAS UTILITIES - 2.6%	
172,764	AmeriGas Partners, L.P. (a)	

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
PORTFOLIO OF INVESTMENTS (CONTINUED)
NOVEMBER 30, 2013

SHARES/ UNITS	DESCRIPTION	
MASTER LIMITED PARTNERSHIPS (CONTINUED)		
	GAS UTILITIES (CONTINUED)	
60,000	Suburban Propane Partners, L.P. (a)	$
	INDEPENDENT POWER PRODUCERS & ENERGY TRADERS - 0.0%	
5,000	Brookfield Renewable Energy Partners, L.P. (CAD) (a)	
	OIL, GAS & CONSUMABLE FUELS - 31.5%	
24,000	Access Midstream Partners, L.P. (a)	
47,000	Alliance Holdings GP, L.P. (a)	
139,715	Alliance Resource Partners, L.P. (a)	
187,200	El Paso Pipeline Partners, L.P. (a)	
80,000	Energy Transfer Equity, L.P. (a)	
151,400	Energy Transfer Partners, L.P. (a)	
130,600	Enterprise Products Partners, L.P. (a)	
102,700	EQT Midstream Partners, L.P. (a)	
168,876	Holly Energy Partners, L.P. (a)	
92,600	Magellan Midstream Partners, L.P. (a)	

80,239	Natural Resource Partners, L.P. (a) ....
103,472	NGL Energy Partners, L.P. (a) ....
154,200	ONEOK Partners, L.P. (a) ....
16,100	Phillips 66 Partners, L.P. (a) ....
129,886	Plains All American Pipeline, L.P. (a) ....
205,500	Spectra Energy Partners, L.P. (a) ....
162,095	TC Pipelines, L.P. (a) ....
334,628	Teekay LNG Partners, L.P. (a) ....
190,362	TransMontaigne Partners, L.P. (a) ....
50,000	Williams Partners, L.P..
	TOTAL MASTER LIMITED PARTNERSHIPS ....
	(Cost $103,481,047)
	TOTAL INVESTMENTS - 134.5% ....
	(Cost $474,592,381) (c)

NUMBER OF CONTRACTS	DESCRIPTION
CALL OPTIONS WRITTEN - (0.3%)	
	American Electric Power Co., Inc. Call
180	@ $49.00 due February 2014 ....
	CMS Energy Corp. Call
290	@ 30.00 due March 2014 ....
	Dominion Resources, Inc. Calls
1,140	@ 67.50 due December 2013 ....
900	@ 62.50 due January 2014 ....

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
PORTFOLIO OF INVESTMENTS (CONTINUED)
NOVEMBER 30, 2013

NUMBER OF CONTRACTS	DESCRIPTION	
CALL OPTIONS WRITTEN (CONTINUED)		
	Duke Energy Corp. Call	
1,700	@ $75.00 due December 2013	$
	Enbridge, Inc. Calls	
701	@ 45.00 due January 2014	

1,075	@ 50.00 due January 2014
	Kinder Morgan, Inc. Calls
1,900	@ 37.50 due December 2013
960	@ 42.50 due December 2013
800	@ 42.50 due January 2014
	National Grid PLC, ADR Calls
1,000	@ 60.00 due December 2013
420	@ 65.00 due December 2013
	Nextera Energy, Inc. Calls
1,300	@ 85.00 due December 2013
300	@ 87.50 due December 2013
	NiSource, Inc. Calls
1,500	@ 32.00 due January 2014
100	@ 34.00 due January 2014
	Northeast Utilities Call
2,461	@ 45.00 due January 2014
	Questar Corp. Calls
1,280	@ 24.00 due January 2014
964	@ 26.00 due January 2014
	Scana Corp. Call
350	@ 50.00 due May 2014
	Southern (The) Co. Calls
1,410	@ 43.00 due January 2014
1,410	@ 44.00 due January 2014
1,000	@ 43.00 due February 2014
	Spectra Energy Corp. Calls
220	@ 37.00 due December 2013
2,080	@ 37.00 due January 2014
100	@ 36.00 due March 2014
	UGI Corp. Call
2,400	@ 45.00 due April 2014

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
PORTFOLIO OF INVESTMENTS (CONTINUED)
NOVEMBER 30, 2013

NUMBER OF CONTRACTS	DESCRIPTION	
CALL OPTIONS WRITTEN (CONTINUED)		
	Williams (The) Cos., Inc. Calls	
1,000	@ $37.00 due February 2014	$
1,862	@ 40.00 due February 2014	
	Wisconsin Energy Corp. Calls	
1,090	@ 45.00 due January 2014	
500	@ 45.00 due April 2014	
	TOTAL CALL OPTIONS WRITTEN	
	(Premiums received $1,571,359)	
	OUTSTANDING LOAN - (37.3%)	
	NET OTHER ASSETS AND LIABILITIES - 3.1%	
	NET ASSETS - 100.0%	$

(a) All or a portion of this security serves as collateral on the outstanding loan.

(b) Non-income producing security which pays in-kind distributions in the form of additional shares.

(c) Aggregate cost for federal income tax purposes is $468,868,278. As of November 30, 2013, the aggregate gross unrealized appreciation for all securities in which there was an excess of value over tax cost was $65,844,647 and the aggregate gross unrealized depreciation for all securities in which there was an excess of tax cost over value was $8,319,127.

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.

INTEREST RATE SWAP AGREEMENTS:

COUNTERPARTY	FLOATING RATE (1)	EXPIRATION DATE	NOTIONAL AMOUNT	FIXED RATE (1)	VA
Bank of Nova Scotia	1 month LIBOR	10/08/20	$ 36,475,000	2.121%	$ (280

(1) The Fund pays the fixed rate and receives the floating rate. The floating rate on November 30, 2013 was 0.169%.

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
PORTFOLIO OF INVESTMENTS (CONTINUED)
NOVEMBER 30, 2013

VALUATION INPUTS

A summary of the inputs used to value the Fund's investments as of November 30, 2013 is as follows (see Note 2A - Portfolio Valuation in the Notes to Financial Statements):

ASSETS TABLE

	TOTAL VALUE AT 11/30/2013	LEVEL 1 QUOTED PRICES	LEVEL 2 SIGNIFICANT OBSERVABLE INPUTS
Common Stocks*................................	$392,983,739	$392,983,739	$ --
Master Limited Partnerships*..................	133,410,059	133,410,059	--
Total	$526,393,798	$526,393,798	$ --

LIABILITIES TABLE

	TOTAL VALUE AT 11/30/2013	LEVEL 1 QUOTED PRICES	LEVEL 2 SIGNIFICANT OBSERVABLE INPUTS
Call Options Written..........................	$ (1,251,900)	$ (1,251,900)	$ --
Interest Rate Swap**..........................	(280,855)	--	(280,855)
Total	$ (1,532,755)	$ (1,251,900)	$ (280,855)

* See Portfolio of Investments for industry breakout.
** See Interest Rate Swap Agreements for contract detail.

All transfers in and out of the Levels during the period are assumed to be transferred on the last day of the period at their current value. There were no transfers between Levels at November 30, 2013.

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
STATEMENT OF ASSETS AND LIABILITIES
NOVEMBER 30, 2013

ASSETS:
Investments, at value
(Cost $474,592,381) ....
Cash..
Cash segregated as collateral for open swap contracts ....
Receivables:
  Dividends ....
Prepaid expenses ....

  Total Assets ....

LIABILITIES:
Outstanding loan ....
Options written, at value (Premiums received $1,571,359) ....
Swap contracts, at value (Cost $569) ....
Payables: ....
  Investment advisory fees ....
  Interest and fees on loan ....
  Audit and tax fees ....
  Custodian fees ....
  Administrative fees ....
  Printing fees ....
  Legal fees ....
  Trustees' fees and expenses ....
  Transfer agent fees ....
  Financial reporting fees ....
Other liabilities ....

  Total Liabilities ....

NET ASSETS ....

NET ASSETS CONSIST OF:
Paid-in capital ....
Par value ....
Accumulated net investment income (loss) ....
Accumulated net realized gain (loss) on investments, written options, swap contracts and
   foreign currency transactions ....
Net unrealized appreciation (depreciation) on investments, written options, swap contracts
   and foreign currency translation ....

NET ASSETS ....

NET ASSET VALUE, per Common Share (par value $0.01 per Common Share) ....

Number of Common Shares outstanding (unlimited number of Common Shares has been authorized)....

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
STATEMENT OF OPERATIONS
FOR THE YEAR ENDED NOVEMBER 30, 2013

INVESTMENT INCOME:
Dividends (net of foreign withholding tax of $456,200)
Interest
Total investment income
EXPENSES:
Investment advisory fees
Interest and fees on loan
Administrative fees
Printing fees
Custodian fees
Audit and tax fees
Legal fees
Trustees' fees and expenses
Transfer agent fees
Financial reporting fees
Other
Total expenses
NET INVESTMENT INCOME (LOSS)
NET REALIZED AND UNREALIZED GAIN (LOSS):
Net realized gain (loss) on:
Investments
Written options (a)
Swap contracts
Foreign currency transactions
Net realized gain (loss)
Net increase from payment by the sub-advisor (b)
Net change in unrealized appreciation (depreciation) on:
Investments
Written options (a)
Swap contracts
Foreign currency translation
Net change in unrealized appreciation (depreciation)
NET REALIZED AND UNREALIZED GAIN (LOSS)
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS

(a) Primary risk exposure is equity option contracts.
(b) See Note 3 in the Notes to Financial Statements.

See Notes to Financial Statements Page 11

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
STATEMENTS OF CHANGES IN NET ASSETS

	YEAR ENDED 11/30/2
OPERATIONS:	
Net investment income (loss)..	$ 3,947
Net realized gain (loss)..	49,255
Net increase from payment by the Sub-Advisor (a)....................................	5
Net change in unrealized appreciation (depreciation)................................	11,545
Net increase (decrease) in net assets resulting from operations.....................	64,753
DISTRIBUTIONS TO SHAREHOLDERS FROM:	
Net investment income...	(14,525
Net realized gain...	(57,064
Return of capital...	(918
Total distributions to shareholders..	(72,508
CAPITAL TRANSACTIONS:	
Offering costs..	
Net increase (decrease) in net assets resulting from capital transactions..........	
Total increase (decrease) in net assets...	(7,755
NET ASSETS:	
Beginning of period...	399,091
End of period...	$391,336
Accumulated net investment income (loss) at end of period..........................	$ 5,919
CAPITAL TRANSACTIONS WERE AS FOLLOWS:	
Common Shares at beginning of period..	17,550
Common Shares sold..	
Common Shares issued as reinvestment under the Dividend Reinvestment Plan..........	
Common Shares at end of period..	17,550

(a) See Note 3 in the Notes to Financial Statements.

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED NOVEMBER 30, 2013

CASH FLOWS FROM OPERATING ACTIVITIES:	
Net increase (decrease) in net assets resulting from operations.........	$ 64,753,455
Adjustments to reconcile net increase (decrease) in net assets resulting from operations to net cash provided by operating activities:	
Purchases of investments..	(298,682,173)
Sales of investments..	347,738,745
Proceeds from written options.......................................	5,082,143
Amount paid to close written options................................	(1,442,570)
Return of capital received from investment in MLPs..................	7,898,129
Net realized gain/loss on investments and options...................	(48,325,921)
Net change in unrealized appreciation/depreciation on investments and written options..	(11,829,689)
Net change in unrealized appreciation/depreciation on swap contracts	281,424
Net increase from payment from Sub-Advisor..........................	(5,421)
Payments for open swap contracts....................................	(569)
CHANGES IN ASSETS AND LIABILITIES:	
Increase in cash segregated as collateral for open swap contracts....	(1,188,256)
Decrease in dividends receivable (a)................................	721,003
Decrease in prepaid expenses..	3,113
Decrease in interest and fees on loan payable.......................	(6,712)
Increase in investment advisory fees payable........................	8,626
Increase in legal fees payable......................................	3,651
Increase in printing fees payable...................................	1,592
Increase in administrative fees payable.............................	2,552
Increase in custodian fees payable..................................	32,797
Decrease in transfer agent fees payable.............................	(3,588)
Decrease in Trustees' fees and expenses payable.....................	(39)
Decrease in other liabilities.......................................	(3,586)

CASH PROVIDED BY OPERATING ACTIVITIES.................................	
CASH FLOWS FROM FINANCING ACTIVITIES:	
Distributions to Common Shareholders from net investment income......	(14,525,290)
Distributions to Common Shareholders from net realized gain..........	(57,064,592)
Distributions to Common Shareholders from return of capital..........	(918,918)
Proceeds from borrowing...	10,000,000
Repayment of borrowing..	(6,000,000)

CASH USED IN FINANCING ACTIVITIES.....................................	
Decrease in cash..	
Cash at beginning of period...	

CASH AT END OF PERIOD...

SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION:
Cash paid during the period for interest and fees.....................

(a) Includes net change in unrealized appreciation (depreciation) on foreign currency of $(3,155).

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
FINANCIAL HIGHLIGHTS
FOR A COMMON SHARE OUTSTANDING THROUGHOUT EACH PERIOD

	YEAR ENDED 11/30/2013	11/
Net asset value, beginning of period	$ 22.74	$
INCOME FROM INVESTMENT OPERATIONS:		
Net investment income (loss)	0.22	
Net realized and unrealized gain (loss)	3.47	
Total from investment operations	3.69	
Common Shares offering costs charged to paid-in capital	--	
Capital reduction from issuance of Common Shares related to over allotment	--	
DISTRIBUTIONS PAID TO SHAREHOLDERS FROM:		
Net investment income	(0.83)	
Net realized gain	(3.25)	
Return of capital	(0.05)	
Total distributions to Common Shareholders	(4.13)	
Net asset value, end of period	$ 22.30	$
Market value, end of period	$ 21.71	$
TOTAL RETURN BASED ON NET ASSET VALUE (c)	17.76% (d)	
TOTAL RETURN BASED ON MARKET VALUE (c)	22.11%	

RATIOS TO AVERAGE NET ASSETS/SUPPLEMENTAL DATA:		
Net assets, end of period (in 000's)	$ 391,336	$
Ratio of net expenses to average net assets	1.84%	
Ratio of total expenses to average net assets excluding interest expense and fees on loan	1.55%	
Ratio of net investment income (loss) to average net assets	0.95%	
Portfolio turnover rate	54%	
INDEBTEDNESS:		
Total loan outstanding (in 000's)	$ 145,900	$
Asset coverage per $1,000 of indebtedness (g)	$ 3,682	$

(a) Initial seed date of August 18, 2011. The Fund commenced operations on September 27, 2011.

(b) Net of sales load of $0.90 per Common Share on initial offering.

(c) 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 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 less than one year. Past performance is not indicative of future results.

(d) The Fund received a reimbursement from the Sub-Advisor in the amount of $5,421 in connection with a trade error. The reimbursement from the Sub-Advisor represents less than $0.01 per share and had no effect on the Fund's total return.

(e) The Fund received a reimbursement from the Sub-Advisor in the amount of $104 in connection with a trade error. The reimbursement from the Sub-Advisor represents less than $0.01 per share and had no effect on the Fund's total return.

(f) Annualized.

(g) Calculated by taking the Fund's total assets less the Fund's total liabilities (not including the loan outstanding) and dividing by the outstanding loan balance in 000's.

 See Notes to Financial Statements

NOTES TO FINANCIAL STATEMENTS

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
NOVEMBER 30, 2013

1. ORGANIZATION

First Trust Energy Infrastructure Fund (the "Fund") is a non-diversified, closed-end management investment company organized as a Massachusetts business trust on February 22, 2011, 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 FIF 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 shareholders. The Fund seeks to achieve its objective by investing primarily in securities of companies engaged in the energy infrastructure sector. Energy infrastructure companies principally include publicly-traded master limited partnerships and limited liability companies taxed as partnerships ("MLPs"), MLP affiliates, Canadian income trusts and their successor companies (collectively, "Canadian Income Equities"), pipeline companies, utilities, and other companies that derive at least 50% of their revenues from operating or providing services in support of infrastructure assets such as pipelines, power transmission and petroleum and natural gas storage in the petroleum, natural gas and power generation industries (collectively, "Energy Infrastructure Companies"). For purposes of the Fund's investment objective, total return includes capital appreciation of, and all distributions received from, securities in which the Fund will invest, taking into account the varying tax characteristics of such securities. 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 following is a summary of significant accounting policies consistently followed by the Fund in the preparation of its financial statements. The preparation of 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. The 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, dividends declared but unpaid 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 in accordance with valuation procedures adopted by the Fund's Board of Trustees, and in accordance with provisions of the 1940 Act. Market quotations and prices used to value the Fund's investments are primarily obtained from third party pricing services. The Fund's securities will be valued as follows:

> Common stocks, MLPs and other equity securities listed on any national or foreign exchange (excluding the NASDAQ(R) 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 and futures contracts are valued at the closing price in the market where such contracts are principally traded.

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

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

Short-term investments that mature in less than 60 days when purchased are valued at amortized cost.

Certain securities may not be able to be priced by pre-established pricing methods. Such securities may be valued by the Board of Trustees or its delegate 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 which a pricing service is unable to provide a market price; securities whose trading has been formally suspended; a security whose market 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 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. The use of fair value prices by the Fund generally results in prices used by the Fund that may differ from current market quotations or official closing prices on the applicable exchange. 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 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:

  - Quoted prices for similar investments in active markets.

  - 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.

  - 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).

  - 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 methodology 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 November 30, 2013, 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 writing (selling) the options. The Fund may write (sell) covered call or put options ("options") on all or a portion of the common stock and MLPs held in the Fund's portfolio as determined to be appropriate by Energy Income Partners, LLC ("EIP" or the "Sub-Advisor"). The number of options the Fund can write (sell) is limited by the amount of common stock and MLPs 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.

Options the Fund writes (sells) will either be exercised, expire or be cancelled pursuant to a closing transaction. If the price of the underlying 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 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. If the price of the underlying 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) on written options" on the Statement of Operations.

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
NOVEMBER 30, 2013

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. 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 the Counterparty, the Fund will seek withdrawal of this collateral and may incur certain costs exercising its right 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 a change 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 equity price risk to meet its future payments under swap agreements outstanding at November 30, 2013 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.

Total Return Equity Swap Agreement

In a typical total return equity swap agreement, one party agrees to pay another party the return on an equity security or basket of equity securities in return for payment of a specified interest rate. By entering into total return equity swaps, the Fund can gain exposure to a security without actually purchasing the underlying asset. Total return equity swap agreements expose the Fund to the same equity price risk as it would have if the underlying equity securities were purchased, as well as the risk that the performance of the security, including any dividends, will not exceed the interest that the Fund will be committed to pay under the swap. The Fund entered into a total return equity swap agreement on January 22, 2013 and sold it on September 26, 2013. For the year ended November 30, 2013, the Fund recorded realized gains on total return equity swaps of $1,051,174, which is included in "Net realized gain (loss) on swap contracts" on the Statement of Operations. The average volume of total return equity swaps was $7,728,852 for the period January 22, 2013 to September 26, 2013.

Interest Rate Swap 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. The Fund entered into an interest rate swap agreement on October 8, 2013. At November 30, 2013, the unrealized depreciation on the interest rate swap agreement was $281,424, which is included in "Swap contracts, at value" on the Statement of Assets and Liabilities. For the year ended November 30, 2013, the Fund recorded a change in unrealized loss of $281,424 on the interest rate swap agreement, which is included in the "Net change in unrealized appreciation (depreciation) on swap contracts" on the Statement of Operations. For the year ended November 30, 2013, the Fund recorded a realized loss on interest rate swaps of $61,175, which is included in "Net realized gain (loss) on swap contracts" on the Statement of Operations. The average volume of interest rate swaps was $36,475,000 for the period October 8, 2013 to November 30, 2013.

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.

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. For the year ended ended November 30, 2013, distributions of $7,898,129 received from MLPs have been reclassified as return of capital.

E. DIVIDENDS AND DISTRIBUTIONS TO SHAREHOLDERS:

The Fund will distribute to holders of its Common Shares monthly dividends of all or a portion of its net income after the payment of interest in connection with leverage, if any. Distributions of any long-term capital gains earned by the Fund are distributed at least annually. Distributions will automatically be reinvested into additional Common Shares pursuant to the Fund's Dividend Reinvestment Plan unless cash distributions are elected by the shareholder.

Distributions from income and capital gains are determined in accordance with income tax regulations, which may differ from U.S. GAAP. Certain capital accounts in the financial statements are periodically adjusted for permanent differences in order to reflect their tax character. These permanent differences are primarily due to the varying treatment of income and gain/loss on portfolio securities held by the Fund and have no impact on net assets or NAV per share. Temporary differences, which arise from recognizing certain items of income, expense and gain/loss in different periods for financial statement and tax purposes, will reverse at some point in the future. Permanent differences incurred during the year ended November 30, 2013, primarily as a result of differing book and tax treatments on the sale of MLP investments, have been reclassified at year end to reflect an increase in accumulated net investment income (loss) of $15,473,005 and a decrease in accumulated net realized gain (loss) on investments of $15,599,641 and an increase to paid-in capital of $126,636. Net assets were not affected by these reclassifications.

The tax character of distributions paid during the fiscal years ended November 30, 2013 and 2012 is as follows:

Distributions paid from:	2013	2012
Ordinary income	$ 36,268,003	$ 22,850,407
Capital gain....................................	$ 35,321,879	$ --
Return of capital...............................	$ 918,918	$ --

As of November 30, 2013, the components of distributable earnings and net assets on a tax basis were as follows:

Undistributed ordinary income....................	$ --
Undistributed capital gains......................	--
Total undistributed earnings.....................	--
Accumulated capital and other losses.............	--
Net unrealized appreciation (depreciation)........	57,561,098
Total accumulated earnings (losses)..............	57,561,098
Other	(54,252)
Paid-in capital..................................	333,829,544
Net assets.......................................	$391,336,390

F. INCOME TAXES:

The Fund intends to continue to qualify as a regulated investment company by complying with the requirements under Subchapter M of the Internal Revenue Code of 1986, as amended, which includes distributing substantially all of its net investment income and net realized gains to shareholders. Accordingly, no provision has been made for federal or state income taxes. However, due to the timing and amount of distributions, the Fund may be subject to an excise tax of 4% of the amount by which approximately 98% of the Fund's taxable income exceeds the distributions from such taxable income for the calendar year.

The Fund intends to utilize provisions of the federal income tax laws, which allow it to carry a realized capital loss forward indefinitely 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 November 30, 2013, the Fund had no non-expiring capital loss carryforwards for federal income tax purposes.

Certain losses realized during the current fiscal year may be deferred and treated as occurring on the first day of the following fiscal year for federal income tax purposes. For the fiscal year ended November 30, 2013, the Fund had no qualified late year losses.

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
NOVEMBER 30, 2013

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 ending 2011, 2012 and 2013 remain open to federal and state audit. As of November 30, 2013, 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.

G. EXPENSES:

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

H. 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 investment securities 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) 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) 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. The portion of foreign currency gains and losses related to fluctuation in exchange rates between the initial purchase trade date and subsequent sale trade date is included in "Net realized gain (loss) on investments" on the Statement of Operations.

I. ORGANIZATION AND OFFERING COSTS:

Organization costs consisted of costs incurred to establish the Fund and enable it to legally conduct business. These costs included filing fees, listing fees, legal services pertaining to the organization of the business and audit fees relating to the initial registration and auditing the initial statement of assets and liabilities, among other fees. Offering costs consisted of legal fees pertaining to the Fund's shares offered for sale, registration fees, underwriting fees, and printing of the initial prospectus, among other fees. First Trust paid all organization expenses. The Fund's Common Share offering costs of $690,000 were recorded as a reduction of the proceeds from the sale of Common Shares during the period ended November 30, 2011. During the fiscal year ended November 30, 2012, it was determined that actual offering costs were less than the estimated offering costs by $103,795. Therefore, paid-in capital was increased by that amount in the fiscal year ended November 30, 2012, as reflected in the offering costs line item on the Statements of Changes in Net Assets.

J. ACCOUNTING PRONOUNCEMENTS:

In December 2011, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update No. 2011-11 "Disclosures about Offsetting Assets and Liabilities" ("ASU 2011-11"). This disclosure requirement is 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. ASU 2011-11 requires entities to disclose both gross and net information about both instruments and transactions eligible for offset on the Statements of Assets and Liabilities, and disclose instruments and transactions subject to master netting or similar agreements. In addition, in January 2013, FASB issued Accounting Standards Update No. 2013-1 "Clarifying the Scope of Offsetting Assets and Liabilities" ("ASU 2013-1"), specifying which transactions are subject to offsetting disclosures. The scope of the disclosure requirements is limited to derivative instruments, repurchase agreements and reverse repurchase agreements, and securities borrowing and securities lending transactions. ASU 2011-11 and ASU 2013-1 are effective for financial statements with fiscal years beginning on or after January 1, 2013, and interim periods within those fiscal years. Management is currently evaluating the impact of the updated standards on the Fund's financial statements, if any.

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 years ended November 30, 2013 and 2012, the Fund received reimbursements from the Sub-Advisor of $5,421 and $104, respectively, in connection with trade errors.

First Trust Capital Partners, LLC ("FTCP"), an affiliate of First Trust, owns, through a wholly-owned subsidiary, a 15% ownership interest in each of the

Sub-Advisor and EIP Partners, LLC, an affiliate of the Sub-Advisor. In addition, as of November 29, 2012, FTCP, through a wholly-owned subsidiary, purchased a preferred interest in the Sub-Advisor. The preferred interest is non-voting and does not share in the profits or losses of the Sub-Advisor. The Sub-Advisor may buy back any or all of FTCP's preferred interest at any time and FTCP may sell back to the Sub-Advisor up to 50% of its preferred interest on or after July 29, 2014 and any or all of its preferred interest after November 29, 2015.

BNY Mellon Investment Servicing (US) Inc. ("BNYM IS") serves as the Fund's administrator, fund accountant and transfer agent in accordance with certain fee arrangements. As administrator and fund accountant, BNYM IS 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 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 custodian in accordance with certain fee arrangements. As custodian, BNYM is responsible for custody of the Fund's assets.

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 of $125,000 per year and an annual per fund fee of $4,000 for each closed-end fund or other actively managed fund and $1,000 for each index fund in the First Trust Fund Complex. The fixed annual retainer is allocated pro rata among each fund in the First Trust Fund Complex based on net assets.

Additionally, the Lead Independent Trustee is paid $15,000 annually, the Chairman of the Audit Committee is paid $10,000 annually, and each of the Chairmen of the Nominating and Governance Committee and the Valuation Committee is paid $5,000 annually to serve in such capacities, with such compensation allocated pro rata among each fund in the First Trust Fund Complex based on net assets. Trustees are reimbursed for travel and out-of-pocket expenses in connection with all meetings. The Lead Independent Trustee and each Committee Chairman will serve two-year terms until December 31, 2013 before rotating to serve as Chairman of another Committee or as Lead Independent Trustee. After December 31, 2013, the Lead Independent Trustee and Committee Chairmen will rotate every three years. The officers and "Interested" Trustee receive no compensation from the funds for acting in such capacities.

4. PURCHASES AND SALES OF SECURITIES

Cost of purchases and proceeds from sales of investments, excluding short-term investments, for the year ended November 30, 2013, were $298,294,010 and $345,862,247, respectively.

Written option activity for the Fund was as follows:

WRITTEN OPTIONS	NUMBER OF CONTRACTS	PREMIUMS
Options outstanding at November 30, 2012...	35,234	$ 1,576,846
Options Written...........................	106,348	5,082,143
Options Expired...........................	(68,221)	(3,199,426)
Options Exercised.........................	(34,486)	(1,548,464)
Options Closed............................	(6,482)	(339,740)
Options outstanding at November 30, 2013...	32,393	$ 1,571,359

5. BORROWINGS

The Fund has a committed facility agreement with The Bank of Nova Scotia ("Scotia") that has a maximum commitment amount of $165,000,000. The borrowing rate under the facility is equal to the 1-month LIBOR plus 65 basis points. In addition, under the facility, the Fund pays a commitment fee of 0.20% on the undrawn amount of such facility. The average amount outstanding for the year ended November 30, 2013 was $144,930,137, with a weighted average interest rate of 0.80%. As of November 30, 2013, the Fund had outstanding borrowings of $145,900,000 under this committed facility agreement. The high and low annual interest rates for the year ended November 30, 2013 were 0.87% and 0.76%, respectively. The interest rate at November 30, 2013 was 0.77%.

6. 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.

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
NOVEMBER 30, 2013

7. INDUSTRY CONCENTRATION RISK

The Fund invests at least 80% of its Managed Assets in securities issued by Energy Infrastructure 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 Infrastructure Company 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, 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.

8. 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 the following subsequent events:

On December 17, 2013, the Fund declared a dividend of $0.11 per share to Common Shareholders of record on January 6, 2014, payable January 15, 2014.

On January 21, 2014, the Fund declared a dividend of $0.11 per share to Common Shareholders of record on February 5, 2014, payable February 14, 2014.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

TO THE BOARD OF TRUSTEES AND SHAREHOLDERS OF FIRST TRUST ENERGY INFRASTRUCTURE FUND:

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

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements and financial highlights are free of material misstatement. The Fund is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Fund's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. Our procedures included confirmation of securities owned as of November 30, 2013 by correspondence with the Fund's custodian and brokers. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements and financial highlights referred to above present fairly, in all material respects, the financial position of First Trust Energy Infrastructure Fund, as of November 30, 2013, 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 the periods presented, in conformity with accounting principles generally accepted in the United States of America.

/s/ Deloitte & Touche LLP

Chicago, Illinois
January 24, 2014

ADDITIONAL INFORMATION

FIRST TRUST ENERGY INFRASTRUCTURE FUND (FIF)
NOVEMBER 30, 2013 (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:

(1) If Common Shares are trading at or above net asset value ("NAV") at the time of valuation, the Fund will issue 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.

(2) 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 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 located at http://www.ftportfolios.com; and (3) on the Securities and Exchange Commission's ("SEC") website located at http://www.sec.gov.
