

FIRSTHAND FUNDS

Firsthand Technology Opportunities Fund

Firsthand Alternative Energy Fund

Semi-Annual Report to Shareholders

June 30, 2019

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the shareholder reports of the Firsthand Funds (each, a “Fund” and, collectively, the “Funds”) will no longer be sent by mail, unless you specifically request paper copies of the reports from the Funds, or from your financial intermediary, such as a broker-dealer or bank. Instead, the reports will be made available on the Funds’ website, www.firsthandfunds.com, and you will be notified by mail each time a report is posted and provided with a website link to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you need not take any action. You may elect to receive shareholder reports and other communications from a Fund, or from your financial intermediary, electronically anytime by contacting your financial intermediary or, if you are a direct investor, by calling 1-888-884-2675.

You may elect to receive all future reports in paper free of charge. If you invest through a financial intermediary, you can contact your financial intermediary to request that you continue to receive paper copies of your shareholder reports. If you invest directly with a Fund, you can call 1-888-884-2675 to let the Fund know you wish to continue receiving paper copies of your shareholder reports. Your election to receive reports in paper will apply to all Funds held in your account if you invest through your financial intermediary or all Funds held with the fund complex if you invest directly with a Fund.

CONTENTS

Performance Summary	2
President's Letter	4
Shareholder Fee Example	6
Portfolio of Investments	8
Statements of Assets and Liabilities	13
Statements of Operations	14
Statements of Changes in Net Assets	15
Financial Highlights	17
Notes to Financial Statements	19
Additional Information	32

PERFORMANCE SUMMARY

Period Returns (Average Annual Total Returns as of 6/30/19)

FUND	YTD*	1-YEAR	3-YEAR	5-YEAR	10-YEAR	GROSS EXPENSE RATIO**
Firsthand Technology Opportunities Fund	28.15%	12.38%	32.73%	17.87%	19.07%	1.84%
Firsthand Alternative Energy Fund	33.82%	14.25%	12.54%	-0.95%	1.12%	2.16%
NASDAQ Composite Index	21.33%	7.81%	19.66%	14.07%	17.29%	•
S&P 500 Index	18.54%	10.41%	14.21%	10.71%	14.69%	•
WilderHill Clean Energy Index	38.56%	19.91%	16.85%	-2.36%	-4.17%	•

* Not Annualized

** After fee waivers, Firsthand Technology Opportunities fund's total net operating expenses are 1.83% and Firsthand Alternative Energy Fund's total net operating expenses are 1.98%. Please see the Funds' prospectus for more information about fund expenses.

Returns assume reinvestment of all dividends and distributions but do not reflect the impact of taxes. The performance data quoted represent past performance. Past performance cannot guarantee future results, and current performance may be lower or higher than the performance quoted. Both the return from and the principal value of an investment in the Funds will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. To obtain performance as of the most recent month-end, please contact Firsthand Funds by calling 1.888.884.2675 or go to www.firsthandfunds.com.

The Nasdaq Composite Index (NASDAQ) is a capitalization-weighted index of all common stocks listed with NASDAQ. The Standard & Poor's 500 Index (S&P 500) is a market-weighted index of 500 stocks of well-established companies. Each index represents an unmanaged, broad-based basket of stocks. These indices are typically used as benchmarks for overall market performance. The WilderHill Clean Energy Index is a market-weighted index of 38 companies in the cleaner fuel, energy conversion, energy storage, greener utilities, power delivery and conservation, and renewable energy harvesting sectors. The Dow Jones Industrial Average is a price-weighted average of 30 significant stocks traded on the New York Stock Exchange and the NASDAQ. You cannot invest directly in an index.

Returns Since Inception (Average Annual Total Returns as of 6/30/19)

FUND (INCEPTION DATE)	AVERAGE ANNUAL TOTAL RETURNS	NASDAQ COMPOSITE INDEX	S&P 500 INDEX	WILDERHILL CLEAN ENERGY INDEX
Firsthand Technology Opportunities Fund (09/30/99)	3.82%	6.60%	6.32%	•
Firsthand Alternative Energy Fund (10/29/07)	-2.61%	10.66%	7.97%	-11.13%

Each Fund may invest in small-capitalization companies and Initial Public Offerings (“IPOs”). These investments will be more volatile than investments in large-capitalization companies and loss of principal could be greater. The Funds may invest in foreign securities, which will be subject to greater risks than investing in domestic securities. Because the Funds are not diversified, they can take larger positions in fewer companies, increasing their risk profile. The Funds invest in several industries within the technology sector and the relative weightings of these industries in a Fund’s portfolio may change at any time.

Holdings by Industry - % of Net Assets (as of 6/30/19)

INDUSTRY	FIRSTHAND TECHNOLOGY OPPORTUNITIES FUND	FIRSTHAND ALTERNATIVE ENERGY FUND
Advanced Materials	•	3.7%
Agriculture	•	0.0%
Automotive	•	0.0%
Biotech	•	4.3%
Cloud Computing	1.3%	•
Communications	0.9%	•
Computer Storage Devices	0.5%	•
Consumer Electronics	6.4%	•
Education	4.3%	•
Electrical Equipment	•	2.5%
Energy Efficiency	•	11.0%
Engineering Service	•	3.3%
Environmental Services	•	1.5%
Industrials	•	6.4%
Intellectual Property	•	0.0%
Internet	15.4%	•
Materials	•	7.5%
Networking	8.6%	•
Other Electronics	3.4%	12.7%
Renewable Energy	0.7%	34.0%
Semiconductors	6.5%	8.1%
Services	0.7%	•
Social Networking	2.8%	•
Software	20.7%	•
Waste & Environment Service	•	3.1%
Investment Company	28.0%	2.1%
Net Other Liabilities	(0.2)%	(0.2)%

Portfolio holdings are subject to change.

PRESIDENT'S LETTER



FELLOW SHAREHOLDERS,

U.S. equity markets posted strong performance in the first half of 2019. For the six months ended June 30, 2019, the Nasdaq Composite Index was up 21.33% and the S&P 500 Index finished up 18.54%. I am pleased to report that Firsthand Technology Opportunities Fund outperformed its benchmarks, with a gain of 28.15% for the period. On an absolute basis, the performance of Firsthand Alternative Energy Fund was even better, with the Fund posting a gain of 33.82% for the period. However, the Fund underperformed its primary benchmark, the WilderHill Clean Energy Index, in the first half of the year. That

index gained 38.56% during the period.

FIRSTHAND TECHNOLOGY OPPORTUNITIES FUND

We continued to deemphasize the FAANG (Facebook, Amazon, Apple, Netflix, Google) stocks during the first half of 2019. Collectively, they represented just 9.95% of the portfolio as of June 30, 2019, versus 16.09% of the portfolio at the end of 2018. We have increased the Fund's exposure to smaller-cap (not small cap) tech companies in anticipation of a generational shift away from FAANG names. The Fund's outperformance during the first half of the year was driven by several of the younger companies in the portfolio, including Roku (ROKU), Twilio (TWLO), Arista Networks (ANET), and Chegg (CHGG).

Netflix (NFLX) and Facebook (FB) were also outstanding performers for us in the first half, as were Match Group (MTCH) and Cree (CREE). We added to our positions in the latter two companies, along with new investments in SolarEdge (SEDG), Microsoft (MSFT), and 2U (TWOU).

On the down side, Nutanix (NTNX) stock suffered in the first half of 2019 as the company navigates through the transition of its business to a software-as-a-service model. Online education platform provider 2U (TWOU) was another significant drag on fund performance, declining sharply after the company trimmed its financial guidance for 2019 in early May.

With some concern regarding the rapid increase in valuations over the past six months, we have taken a somewhat cautious posture, holding more than 25% of the portfolio in cash as of June 30, 2019. We believe valuations have gotten ahead of earnings growth, and we intend to hold a relatively large cash position until tech stock multiples are more in line with projected earnings.

FIRSTHAND ALTERNATIVE ENERGY FUND

Following weak performance in 2018, solar stocks rose dramatically in the first half of 2019. The Fund's solar holdings included SunPower (SPWR), SolarEdge (SEDG), and First Solar (FSLR), which were among the leading contributors to fund performance during the

PRESIDENT'S LETTER - continued

period. The rally in solar stocks came as the U.S. market enjoyed record solar photovoltaic installations in the first quarter of 2019. Furthermore, analysts expect strong growth in U.S. solar installations through 2019.

Electric vehicles, mobile devices, renewable energy, and 5G communications networks have become strong drivers of growth in the power electronics market. The Fund's largest holdings as of June 30, 2019, were Power Integrations (POWI) and Cree (CREE), both of which have significant exposure to the power electronics business and enjoyed strong stock price gains for the first half of 2019.

Aspen Aerogels (ASPN) was another strong performer for the Fund during the period. The company reported first quarter revenue growth of approximately 21% and won a \$35 million - \$40 million contract to supply its Cryogel® Z aerogel insulation to a new liquid natural gas (LNG) terminal in Thailand.

There were few portfolio companies whose stock declined in the first half of 2019. 3M (MMM) was the largest negative contributor to fund performance during the period. We also saw the stock price of Curaleaf Holdings (CURLF) decline after our initial purchase of shares in Q2.

LOOKING AHEAD

While valuations in the technology sector appear to be somewhat stretched, we still see good reasons why the bull market could continue for the foreseeable future. While the U.S. trading relationship with China remains tense, corporate profit growth and economic performance remains generally strong. We continue to maintain our focus on long-term opportunities in the technology and alternative energy sectors and thank you for entrusting your investment dollars to us.

Sincerely,



Kevin Landis
President, Firsthand Funds

Data and statistics presented have been calculated using data from Yahoo!Finance. All expressions of opinion are subject to change without notice.

SHAREHOLDER FEE EXAMPLE (unaudited)

Example — In general, mutual fund shareholders may incur two types of costs: (1) transaction costs, including sales charges (loads), redemption fees, and exchange fees; and (2) ongoing costs, including management fees, 12b-1 distribution and service fees, non-12b-1 service fees, and other Fund expenses. This example is intended to help you understand your ongoing costs (in dollars) of investing in a Fund and to compare these costs with the ongoing costs of investing in other mutual funds. Note that Firsthand Funds (“Trust”) does not charge transaction fees for 12b-1 distribution and service fees, though you may incur transaction fees if you purchase shares through a broker.

The example on the following page is based on an investment of \$1,000 invested at the beginning of the period and held for the entire period from January 1, 2019 through June 30, 2019.

Actual Expenses — The section of the table at right entitled “Actual” provides information about actual account values and actual expenses. You may use this information, together with the amount you invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number in the section entitled “Actual” under the heading “Expenses Paid During Period” to estimate the expenses you paid on your account during this period. If your account is an IRA or other tax-qualified savings plan, your expenses may also have included a \$10 annual fee. In either case, the amount of any fee paid through your account would

increase the estimate of expenses you paid during the period and decrease your ending account value.

Hypothetical Example for Comparison Purposes

— The section of the table at right entitled “Hypothetical” provides information about hypothetical account values and hypothetical expenses based on a Fund’s actual expense ratio and an assumed rate of return of 5% per year before expenses, which is not the Fund’s actual return. The hypothetical account values and expenses may not be used to estimate your actual ending account balance or the expenses you paid for the period. However, you may use this information to compare the ongoing costs of investing in the Trust to other funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. As in the case of the actual expense example, if your account is subject to an IRA fee, the amount of the fee paid through your account would increase the hypothetical expenses you would have paid during the period and decrease the hypothetical ending account value.

Please note that the expenses shown in the table at right are meant to highlight your ongoing costs only and do not reflect any transactional costs, such as sales charges (loads), redemption fees, or exchange fees. Therefore, the table is useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. In addition, if these transactional costs were included, your costs would have been higher. The examples also assume all dividends and distributions have been reinvested.

SHAREHOLDER FEE EXAMPLE (unaudited) - continued

Firsthand Technology Opportunities Fund

	BEGINNING ACCOUNT VALUE 1/1/19	ENDING ACCOUNT VALUE 6/30/19	EXPENSES PAID DURING PERIOD* 1/1/19 - 6/30/19	ANNUALIZED EXPENSE RATIO
Actual	\$1,000	\$1,281.50	\$ 10.37	1.83%
Hypothetical**	\$1,000	\$1,015.70	\$ 9.16	1.83%

Firsthand Alternative Energy Fund

	BEGINNING ACCOUNT VALUE 1/1/19	ENDING ACCOUNT VALUE 6/30/19	EXPENSES PAID DURING PERIOD* 1/1/19 - 6/30/19	ANNUALIZED EXPENSE RATIO
Actual	\$1,000	\$1,338.20	\$ 11.48	1.98%
Hypothetical**	\$1,000	\$1,014.98	\$ 9.89	1.98%

* Expenses are calculated by multiplying the Fund's annualized expense ratio listed above by the average account value over the period and multiplying that number by 181/365 (to reflect the one-half year period).

** 5% return per year before expenses.

The expenses shown in the table do not reflect any fees that may be charged to you by brokers, financial Intermediaries, or other financial institutions.

FIRSTHAND TECHNOLOGY OPPORTUNITIES FUND

Portfolio of Investments, June 30, 2019 (unaudited)

	SHARES	MARKET VALUE
COMMON STOCKS — 72.2% (\$249,458,873)		
CLOUD COMPUTING — 1.3% (\$4,402,500)		
Box, Inc., Class A *	250,000	\$ 4,402,500
COMMUNICATIONS — 0.9% (\$3,232,800)		
ViaSat, Inc. *	40,000	3,232,800
COMPUTER STORAGE DEVICES — 0.5% (\$1,527,000)		
Pure Storage, Inc., Class A *	100,000	1,527,000
CONSUMER ELECTRONICS — 6.4% (\$22,179,200)		
Fitbit, Inc., Class A *	100,000	440,000
Roku, Inc. *	240,000	21,739,200
EDUCATION — 4.3% (\$14,955,100)		
2U, Inc. *	100,000	3,764,000
Chegg, Inc. *	290,000	11,191,100
INTERNET — 15.4% (\$53,040,973)		
Alibaba Group Holding, Ltd. - SP ADR *	15,000	2,541,750
Alphabet, Inc., Class C *	4,016	4,340,935
Amazon.com, Inc. *	4,000	7,574,520
Match Group, Inc.	150,000	10,090,500
Nefflix, Inc. *	35,000	12,856,200
PayPal Holdings, Inc. *	40,000	4,578,400
Tencent Holdings, Ltd. *	245,000	11,058,668
NETWORKING — 8.6% (\$29,846,400)		
Arista Networks, Inc. *	70,000	18,173,400
Nutanix, Inc., Class A *	450,000	11,673,000
OTHER ELECTRONICS — 3.4% (\$11,797,800)		
Cree, Inc. *	210,000	11,797,800
RENEWABLE ENERGY — 0.7% (\$2,498,400)		
SolarEdge Technologies, Inc. *	40,000	2,498,400

see accompanying notes to financial statements

FIRSTHAND TECHNOLOGY OPPORTUNITIES FUND - continued

Portfolio of Investments, June 30, 2019 (unaudited)

	SHARES	MARKET VALUE
SEMICONDUCTORS — 6.5% (\$22,332,300)		
II-VI, Inc. *	220,000	\$ 8,043,200
NVIDIA Corp.	50,000	8,211,500
ON Semiconductor Corp. *	10,000	202,100
Taiwan Semiconductor Manufacturing Co. Ltd. - ADR	150,000	5,875,500
SERVICES — 0.7% (\$2,295,900)		
Net 1 UEPS Technologies, Inc. *	30,000	120,000
Square, Inc., Class A *	30,000	2,175,900
SOCIAL NETWORKING — 2.8% (\$9,650,000)		
Facebook, Inc., Class A *	50,000	9,650,000
SOFTWARE — 20.7% (\$71,700,500)		
Adobe Systems, Inc. *	20,000	5,893,000
Guidewire Software, Inc. *	55,000	5,575,900
Microsoft Corp.	100,000	13,396,000
Palo Alto Networks, Inc. *	20,000	4,075,200
Proofpoint, Inc. *	40,000	4,810,000
Splunk, Inc. *	40,000	5,030,000
Twilio, Inc., Class A *	140,000	19,089,000
Workday, Inc., Class A *	30,000	6,167,400
Zscaler, Inc. *	100,000	7,664,000
INVESTMENT COMPANY — 28.0% (\$96,888,004)		
Fidelity Investments Money Market Funds - Treasury Portfolio ⁽¹⁾	96,888,004	96,888,004
TOTAL INVESTMENTS		
(COST \$243,233,211) — 100.2%		346,346,877
LIABILITIES IN EXCESS OF OTHER ASSETS — (0.2)%		(548,908)
NET ASSETS — 100.0%		\$ 345,797,969

* Non-income producing security.

⁽¹⁾ The Fidelity Investments Money Market Fund invests primarily in U.S. Treasury Securities.

ADR American Depositary Receipt

SP ADR Sponsored American Depositary Receipt

see accompanying notes to financial statements

FIRSTHAND ALTERNATIVE ENERGY FUND

Portfolio of Investments, June 30, 2019 (unaudited)

	SHARES	MARKET VALUE
COMMON STOCKS — 98.1% (\$5,631,234)		
ADVANCED MATERIALS — 3.7% (\$214,666)		
Corning, Inc.	6,460	\$ 214,666
SunEdison, Inc. *	21,130	0
AGRICULTURE — 0.0% (\$6)		
GrowLife, Inc. *	1,000	6
AUTOMOTIVE — 0.0% (\$2,425)		
Garrett Motion, Inc. *	158	2,425
BIOTECH — 4.3% (\$244,090)		
Curaleaf Holdings, Inc. *	10,000	71,700
GW Pharmaceuticals PLC ADR *	1,000	172,390
ELECTRICAL EQUIPMENT — 2.5% (\$140,210)		
ABB, Ltd. - SP ADR	7,000	140,210
ENERGY EFFICIENCY — 11.0% (\$629,819)		
Honeywell International, Inc.	1,580	275,852
Itron, Inc. *	5,565	348,202
Resideo Technologies, Inc. *	263	5,765
ENGINEERING SERVICE — 3.3% (\$190,950)		
Quanta Services, Inc.	5,000	190,950
ENVIRONMENTAL SERVICES — 1.5% (\$85,952)		
Advanced Emissions Solutions, Inc.	6,800	85,952
INDUSTRIALS — 6.4% (\$368,640)		
3M Co.	1,000	173,340
United Technologies Corp.	1,500	195,300
INTELLECTUAL PROPERTY — 0.0% (\$1,234)		
Silicon Genesis Corp., Common ⁽¹⁾	181,407	1,234
MATERIALS — 7.5% (\$430,270)		
Aspen Aerogels, Inc. *	35,000	249,550
Linde PLC	900	180,720

see accompanying notes to financial statements

FIRSTHAND ALTERNATIVE ENERGY FUND - continued

Portfolio of Investments, June 30, 2019 (unaudited)

	SHARES	MARKET VALUE
OTHER ELECTRONICS — 12.7% (\$728,969)		
Cree, Inc. *	8,000	\$ 449,440
Intevac, Inc. *	5,800	28,072
Koninklijke Philips Electronics N.V.	5,770	251,457
RENEWABLE ENERGY — 34.0% (\$1,949,939)		
Amtech Systems, Inc. *	6,600	36,300
First Solar, Inc. *	5,000	328,400
Iberdrola S.A.	22,044	219,731
Motech Industries, Inc. *	58,069	16,060
Orion Energy Systems, Inc. *	14,000	41,580
Sharp Corp.	1,100	12,059
Siemens Gamesa Renewable Energy S.A.	7,271	120,876
SolarEdge Technologies, Inc. *	7,000	437,220
SunPower Corp., Class B *	19,931	213,062
Sunrun, Inc. *	5,000	93,800
ULVAC, Inc.	2,700	85,521
Vestas Wind Systems A.S.	3,000	257,730
Vivint Solar, Inc. *	12,000	87,600
SEMICONDUCTORS — 8.1% (\$464,964)		
Power Integrations, Inc.	5,799	464,964
WASTE & ENVIRONMENT SERVICE — 3.1% (\$179,100)		
Covanta Holding Corp.	10,000	179,100
PREFERRED STOCK — 0.0% (\$814)		
INTELLECTUAL PROPERTY — 0.0% (\$814)		
Silicon Genesis Corp., Series 1-C * ⁽¹⁾	152	63
Silicon Genesis Corp., Series 1-E * ⁽¹⁾	3,000	751

see accompanying notes to financial statements

FIRSTHAND ALTERNATIVE ENERGY FUND - continued

Portfolio of Investments, June 30, 2019 (unaudited)

	SHARES	MARKET VALUE
INVESTMENT COMPANY — 2.1% (\$117,805)		
Fidelity Investments Money Market Funds - Treasury Portfolio ⁽²⁾	117,805	\$ 117,805
TOTAL INVESTMENTS		
(COST \$5,060,685) — 100.2%		5,749,853
LIABILITIES IN EXCESS OF OTHER ASSETS — (0.2)%		(10,733)
NET ASSETS — 100.0%		\$ 5,739,120

* *Non-income producing security.*

⁽¹⁾ *Restricted/illiquid security (0.04% of net assets).*

⁽²⁾ *The Fidelity Investments Money Market Fund invests primarily in U.S. Treasury Securities.*

ADR American Depositary Receipt

PLC Public Limited Company

SP ADR Sponsored American Depositary Receipt

see accompanying notes to financial statements

STATEMENTS OF ASSETS AND LIABILITIES

June 30, 2019 (unaudited)

	FIRSTHAND TECHNOLOGY OPPORTUNITIES FUND	FIRSTHAND ALTERNATIVE ENERGY FUND
ASSETS		
Investment securities:		
Acquisition cost	\$ 243,233,211	\$ 5,060,685
Market value (Note 2)	346,346,877	5,749,853
Foreign currency at value (\$0 and \$198)	—	201
Receivable from dividends, interest, and reclaims	538,559	5,538
Receivable for capital shares sold	373,651	—
TOTAL ASSETS	347,259,087	5,755,592
LIABILITIES		
Cash overdraft	202,774	184
Payable to affiliates (Note 4)	521,454	8,854
Payable for capital shares redeemed	736,890	7,434
TOTAL LIABILITIES	1,461,118	16,472
NET ASSETS	\$ 345,797,969	\$ 5,739,120
Net Assets consist of:		
Paid-in-capital	\$ 235,701,358	\$ 6,139,432
Total distributable earnings (loss)	110,096,611	(400,312)
NET ASSETS	\$ 345,797,969	\$ 5,739,120
Shares outstanding	25,922,830	784,271
Net asset value, redemption price and offering price per share (Note 2)	\$ 13.34	\$ 7.32

see accompanying notes to financial statements

STATEMENTS OF OPERATIONS

For the Six Months Ended June 30, 2019 (unaudited)

	FIRSTHAND TECHNOLOGY OPPORTUNITIES FUND	FIRSTHAND ALTERNATIVE ENERGY FUND
INVESTMENT INCOME		
Dividends	\$ 1,045,475	\$ 46,328
Foreign tax withholding	(44,682)	(6,086)
TOTAL INVESTMENT INCOME	1,000,793	40,242
EXPENSES		
Investment advisory fees (Note 4)	2,058,639	39,132
Administration fees (Note 4)	636,894	11,510
Trustees fees	4,500	4,500
GROSS EXPENSES	2,700,033	55,142
Trustees fees reimbursement	(4,500)	(4,500)
TOTAL NET EXPENSES	2,695,533	50,642
NET INVESTMENT LOSS	(1,694,740)	(10,400)
NET REALIZED AND UNREALIZED GAIN (LOSS) ON INVESTMENTS:		
Net realized gains (losses) from security transactions	6,289,599	(2)
Net realized loss on written option transactions ⁽¹⁾	(16,914)	—
Net realized gains (losses) on foreign currency	2	(115)
Net change in unrealized appreciation on investments and foreign currency	44,356,213	1,483,022
Net Realized and Unrealized Gain on Investments	50,628,900	1,482,905
NET INCREASE IN NET ASSETS RESULTING FROM OPERATIONS	\$ 48,934,160	\$ 1,472,505

⁽¹⁾ Primary risk exposure is equity contracts.

see accompanying notes to financial statements

STATEMENTS OF CHANGES IN NET ASSETS

FIRSTHAND TECHNOLOGY OPPORTUNITIES FUND

	SIX MONTHS ENDED 06/30/19 (UNAUDITED)	YEAR ENDED 12/31/18
FROM OPERATIONS:		
Net investment loss	\$ (1,694,740)	\$ (2,785,972)
Net realized gain from security transactions, foreign currency and written options	6,272,687	4,554,198
Net change in unrealized appreciation (depreciation) on investments and foreign currency	44,356,213	(738,716)
Net increase in net assets from operations	48,934,160	1,029,510
FROM CAPITAL SHARE TRANSACTIONS:		
Proceeds from shares sold	218,045,558	135,111,437
Payment for shares redeemed	(79,242,985)	(102,541,326)
Net increase in net assets from capital share transactions	138,802,573	32,570,111
TOTAL INCREASE IN NET ASSETS	187,736,733	33,599,621
NET ASSETS:		
Beginning of period	158,061,236	124,461,615
End of period	\$ 345,797,969	\$ 158,061,236
COMMON STOCK ACTIVITY:		
Shares sold	16,727,934	11,545,256
Shares redeemed	(5,984,431)	(8,842,252)
Net increase in shares outstanding	10,743,503	2,703,004
Shares outstanding, beginning of period	15,179,327	12,476,323
Shares outstanding, end of period	25,922,830	15,179,327

see accompanying notes to financial statements

STATEMENTS OF CHANGES IN NET ASSETS

FIRSTHAND ALTERNATIVE ENERGY FUND

	SIX MONTHS ENDED 06/30/19 (UNAUDITED)	YEAR ENDED 12/31/18
FROM OPERATIONS:		
Net investment loss	\$ (10,400)	\$ (37,197)
Net realized loss from security transactions and foreign currency	(117)	(161,708)
Net change in unrealized appreciation (depreciation) on investments and foreign currency	1,483,022	(808,147)
Net increase (decrease) in net assets from operations	1,472,505	(1,007,052)
DISTRIBUTIONS TO SHAREHOLDERS:		
Distributions ⁽¹⁾	—	(2,031)
TOTAL DISTRIBUTIONS	—	(2,031)
FROM CAPITAL SHARE TRANSACTIONS:		
Proceeds from shares sold	282,631	972,675
Dividends reinvested	—	1,905
Payment for shares redeemed	(456,676)	(1,422,599)
Net decrease in net assets from capital share transactions	(174,045)	(448,019)
TOTAL INCREASE (DECREASE) IN NET ASSETS	1,298,460	(1,457,102)
NET ASSETS:		
Beginning of period	4,440,660	5,897,762
End of period	\$ 5,739,120	\$ 4,440,660
COMMON STOCK ACTIVITY:		
Shares sold	43,845	154,229
Shares reinvested	—	331
Shares redeemed	(71,070)	(220,344)
Net decrease in shares outstanding	(27,225)	(65,784)
Shares outstanding, beginning of period	811,496	877,280
Shares outstanding, end of period	784,271	811,496

⁽¹⁾ The SEC eliminated the requirement to disclose components of distributions paid to shareholders.

see accompanying notes to financial statements

FINANCIAL HIGHLIGHTS

Selected per share data and ratios for a share outstanding throughout each year/period

FIRSTHAND TECHNOLOGY OPPORTUNITIES FUND

	SIX MONTHS ENDED 6/30/19*	YEAR ENDED 12/31/18	YEAR ENDED 12/31/17	YEAR ENDED 12/31/16	YEAR ENDED 12/31/15	YEAR ENDED 12/31/14
Net asset value at beginning of year/period	\$ 10.41	\$ 9.98	\$ 6.42	\$ 7.74	\$ 8.14	\$ 7.86
Income from investment operations:						
Net investment loss	(0.07)	(0.18)	(0.12)	(0.10)	(0.10)	(0.10)
Net realized and unrealized gains on investments	3.00	0.61	3.68	0.56	0.44	0.83
Total from investment operations	2.93	0.43	3.56	0.46	0.34	0.73
Distributions from:						
Realized capital gains	—	—	—	(1.78)	(0.74)	(0.45)
Net asset value at end of year/period	\$ 13.34	\$ 10.41	\$ 9.98	\$ 6.42	\$ 7.74	\$ 8.14
Total return	28.15%(A)	4.31%	55.45%	5.99%	4.28%	9.29%
Net assets at end of year/period (millions)	\$ 345.8	\$ 158.1	\$ 124.5	\$ 76.9	\$ 105.2	\$ 109.0
Ratio of gross expenses to average net assets before waiver	1.84%(B)	1.86%	1.86%	1.86%	1.86%	1.86%
Ratio of net expenses to average net assets after waiver	1.83%(B)	1.85%	1.85%	1.85%	1.85%	1.85%
Ratio of net investment loss to average net assets	(1.15%)(B)	(1.54%)	(1.57%)	(1.45%)	(1.17%)	(1.28%)
Portfolio turnover rate	33%(A)	25%	19%	18%	19%	23%

* Unaudited

(A) Not annualized

(B) Annualized

see accompanying notes to financial statements

FINANCIAL HIGHLIGHTS

Selected per share data and ratios for a share outstanding throughout each year/period

FIRSTHAND ALTERNATIVE ENERGY FUND

	SIX MONTHS ENDED 6/30/19*	YEAR ENDED 12/31/18	YEAR ENDED 12/31/17	YEAR ENDED 12/31/16	YEAR ENDED 12/31/15	YEAR ENDED 12/31/14
Net asset value at beginning of year/period	\$ 5.47	\$ 6.72	\$ 5.29	\$ 5.83	\$ 6.46	\$ 6.47
Income from investment operations:						
Net investment income (loss)	(0.01)	(0.04)	0.02	(0.05)	(0.07)	(0.12)
Net realized and unrealized gains (losses) on investments	1.86	(1.21)	1.43	(0.49)	(0.56)	0.11
Total from investment operations	1.85	(1.25)	1.45	(0.54)	(0.63)	(0.01)
Distributions from:						
Net investment income	—	—(A)	(0.02)	—	—	—
Net asset value at end of year/period	\$ 7.32	\$ 5.47	\$ 6.72	\$ 5.29	\$ 5.83	\$ 6.46
Total return	33.82%(B)	(18.57%)	27.35%	(9.26%)	(9.75%)	(0.15%)
Net assets at end of year/period (millions)	\$ 5.7	\$ 4.4	\$ 5.9	\$ 5.1	\$ 7.3	\$ 9.1
Ratio of gross expenses to average net assets before waiver	2.16%(C)	2.15%	2.15%	2.14%	2.11%	2.04%
Ratio of net expenses to average net assets after waiver	1.98%(C)	1.98%	1.98%	1.98%	1.98%	1.98%
Ratio of net investment income (loss) to average net assets	(0.41%)(C)	(0.68%)	0.30%	(0.75%)	(1.14%)	(0.98%)
Portfolio turnover rate	0%(B)	7%	0%	10%	5%	57%

* Unaudited

(A) Amount represents less than \$0.01 per share

(B) Not annualized

(C) Annualized

see accompanying notes to financial statements

NOTES TO FINANCIAL STATEMENTS

June 30, 2019 (unaudited)

1. ORGANIZATION

Each of Firsthand Technology Opportunities Fund and Firsthand Alternative Energy Fund (individually the “Fund”, and collectively the “Funds”) is a non-diversified series of Firsthand Funds (the “Trust”), an open-end management investment company registered under the Investment Company Act of 1940, as amended (the “1940 Act”). The Trust, a Delaware statutory trust, was organized on November 8, 1993. Each Fund currently offers one class of shares—Investor Class shares. The inception dates for the Funds (the date on which a net asset value was first determined for that Fund) follow:

FUND	INCEPTION DATE
Firsthand Technology Opportunities Fund	September 30, 1999
Firsthand Alternative Energy Fund	October 29, 2007

Each Fund’s investment objective is long-term growth of capital.

Firsthand Technology Opportunities Fund seeks to achieve its investment objective by investing, under normal circumstances, at least 80% of its assets in equity securities of high-technology companies in the industries and markets that the Investment Adviser believes hold the most growth potential within the technology sector.

Firsthand Alternative Energy Fund seeks to achieve its investment objective by investing, under normal circumstances, at least 80% of its assets in alternative energy and energy technology companies, both U.S. and international.

The Funds are an investment company and follow accounting and reporting guidance in the Financial Accounting Standards Board (“FASB”) Accounting Standards Codification Topic 946.

2. SIGNIFICANT ACCOUNTING POLICIES

The following is a summary of the Funds’ significant accounting policies:

SECURITIES VALUATION — A Fund’s portfolio of securities is valued as follows:

1. Securities traded on stock exchanges, or quoted by NASDAQ, are valued according to the NASDAQ official closing price, if applicable, or at their last reported sale price as of the close of trading on the New York Stock Exchange (“NYSE”) (normally 4:00 P.M. Eastern Time). If a security is not traded that day, the security will be valued at its most recent bid price.
2. Securities traded in the over-the-counter market, but not quoted by NASDAQ, are valued at the last sale price (or, if the last sale price is not readily available, at the most recent closing bid price as quoted by brokers that make markets in the securities) at the close of trading on the NYSE.

NOTES TO FINANCIAL STATEMENTS - continued

June 30, 2019 (unaudited)

3. Securities traded both in the over-the-counter market and on a stock exchange are valued according to the broadest and most representative market.
4. Securities and other assets that do not have market quotations readily available are valued at their fair value as determined in good faith using procedures established by the Board of Trustees.

In pricing illiquid, privately placed securities, the advisor follows well-accepted valuation techniques. Initial valuations are generally determined by the initial purchase price for each security. Subsequent to initial purchase, securities are repriced from time to time to reflect changes to the companies' valuations caused by various events. Such events include, among others, a new round of financing establishing a new valuation for the company; material changes to a company's business or business prospects, either due to company-specific internal issues (gaining or losing a major customer, missing a significant milestone, etc.) or macroeconomic events affecting the industry or the world. In analyzing a company's valuation, factors that are also considered include a company's cash flow, revenues, profitability, financial forecasts, and probability of success in those measures. Other potential factors include the value of comparable public and private companies and general market conditions.

FAIR VALUE MEASUREMENT — In accordance with the authoritative guidance on fair value measurements and disclosures under GAAP, each Fund discloses the fair value of its investments in a hierarchy that prioritizes the inputs to valuation techniques used to measure the fair value. The hierarchy gives the highest priority to valuations based upon unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurement) and the lowest priority to valuations based upon unobservable inputs that are significant to the valuation (level 3 measurements).

The guidance establishes three levels of the fair value hierarchy as follows:

- LEVEL 1** – Unadjusted quoted prices in active markets for identical assets or liabilities that the Funds have the ability to access.
- LEVEL 2** – Observable inputs other than quoted prices included in level 1 that are observable for the asset or liability, either directly or indirectly. These inputs may include quoted prices for the identical instrument on an inactive market, prices for similar instruments, interest rates, prepayment speeds, credit risks, yield curves, default rates, and similar data.
- LEVEL 3** – Unobservable inputs for the asset or liability, to the extent relevant observable inputs are not available, representing the Funds' own assumptions about the assumptions a market participant would use in valuing the asset or liability, and would be based on the best information available.

NOTES TO FINANCIAL STATEMENTS - continued

June 30, 2019 (unaudited)

The availability of observable inputs can vary from security to security and is affected by a wide variety of factors, including, for example, the type of security, whether the security is new and not yet established in the marketplace, the liquidity of markets, and other characteristics particular to the security. To the extent that valuation is based on models or inputs that are less observable or unobservable in the market, the determination of fair value requires more judgment. Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in level 3.

The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the level in the fair value hierarchy within which the fair value measurement falls in its entirety, is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities. The following is a summary of the inputs used to value the following Funds' net assets as of June 30, 2019:

FUND*	LEVEL 1 QUOTED PRICES	LEVEL 2 OTHER SIGNIFICANT OBSERVABLE INPUTS	LEVEL 3 SIGNIFICANT UNOBSERVABLE INPUTS
TEFQX			
Common Stocks			
Cloud Computing	\$ 4,402,500	\$ —	\$ —
Communications	3,232,800	—	—
Computer Storage Devices	1,527,000	—	—
Consumer Electronics	22,179,200	—	—
Education	14,955,100	—	—
Internet	53,040,973	—	—
Networking	29,846,400	—	—
Other Electronics	11,797,800	—	—
Renewable Energy	2,498,400	—	—
Semiconductors	22,332,300	—	—
Services	2,295,900	—	—
Social Networking	9,650,000	—	—
Software	71,700,500	—	—
Total Common Stocks	249,458,873	—	—
Investment Company	96,888,004	—	—
Total	\$ 346,346,877	\$ —	\$ —

NOTES TO FINANCIAL STATEMENTS - continued

June 30, 2019 (unaudited)

FUND*	LEVEL 1 QUOTED PRICES	LEVEL 2 OTHER SIGNIFICANT OBSERVABLE INPUTS	LEVEL 3 SIGNIFICANT UNOBSERVABLE INPUTS
ALTEX			
Common Stocks			
Advanced Materials	\$ 214,666	\$ —	\$ —
Agriculture	6	—	—
Automotive	2,425	—	—
Biotech	244,090	—	—
Electrical Equipment	140,210	—	—
Energy Efficiency	629,819	—	—
Engineering Service	190,950	—	—
Environmental Services	85,952	—	—
Industrials	368,640	—	—
Intellectual Property	—	—	1,234
Materials	430,270	—	—
Other Electronics	728,969	—	—
Renewable Energy	1,949,939	—	—
Semiconductors	464,964	—	—
Waste & Environment Service	179,100	—	—
Total Common Stocks	5,630,000	—	1,234
Preferred Stocks	—	—	814
Investment Company	117,805	—	—
Total	\$ 5,747,805	\$ —	\$ 2,048

* *TEFQX: Firsthand Technology Opportunities Fund; ALTEX: Firsthand Alternative Energy Fund*

At the end of each calendar quarter, management evaluates the Level 2 and 3 assets and liabilities for changes in liquidity, including but not limited to: whether a broker is willing to execute at the quoted price, the depth and consistency of prices from third party services, and the existence of contemporaneous, observable trades in the market. Additionally, management evaluates the Level 1 and 2 assets and liabilities on a quarterly basis for changes in listings or delistings on national exchanges. Transfers in and out of the levels are recognized at the value at the end of the period.

NOTES TO FINANCIAL STATEMENTS - continued

June 30, 2019 (unaudited)

Following is a reconciliation of Level 3 assets (at either the beginning or the ending of the period) for which significant unobservable inputs were used to determine fair value.

INVESTMENTS AT FAIR VALUE USING SIGNIFICANT UNOBSERVABLE INPUTS (LEVEL 3)	BALANCE AS OF 12/31/18	NET PURCHASES	NET SALES	NET REALIZED GAINS/ (LOSSES)	NET UNREALIZED APPRECIATION (DEPRECIATION)	TRANSFERS IN (OUT) OF LEVEL 3	BALANCE AS OF 6/30/19
Common Stocks							
Intellectual Property	\$ 1,451	\$ —	\$ —	\$ —	\$ (217)	\$ —	\$ 1,234
Preferred Stocks	842	—	—	—	(28)	—	814
Total	\$ 2,293	\$ —	\$ —	\$ —	\$ (245)	\$ —	\$ 2,048

As of six months ended June 30, 2019, these investments were valued in accordance with procedures approved by the Board of Trustees. These investments did not have a material impact on the Fund's net assets and, therefore, disclosure of unobservable inputs used in formulating valuations is not presented.

SHARE VALUATION — The net asset value (“NAV”) per share of each Fund is calculated by dividing the net assets of the Fund (i.e, the sum of the value of the securities held by the Fund, plus cash or other assets, minus all liabilities (including estimated accrued expenses)) by the total number of shares outstanding of the Fund, rounded to the nearest cent. A Fund's shares will not be priced on the days on which the NYSE is closed for trading. The offering and redemption price per share of each Fund is equal to a Fund's NAV per share.

INVESTMENT INCOME — Dividend income is recorded on the ex-dividend date. Interest income is accrued as earned. Discounts and premiums on securities purchased are amortized over the lives of the respective securities. Other non-cash dividends are recognized as investment income at the fair value of the property received. Withholding taxes on foreign dividends have been provided for in accordance with the Funds' understanding of the applicable country's tax rules and rates.

CASH AND CASH EQUIVALENTS — The Funds consider liquid assets deposited with a bank, money market funds, and certain short-term debt instruments with maturities of 3 months or less to be cash equivalents. These investments represent amounts held with financial institutions that are readily accessible to pay Fund expenses or purchase investments. Cash and cash equivalents are valued at cost plus accrued interest, which approximates market value.

FOREIGN SECURITIES — Each Fund may invest in companies that trade on U.S. exchanges as American Depositary Receipts (“ADRs”), on foreign exchanges, or on foreign over-the-counter markets. Investing in the securities of foreign companies exposes your investment in a Fund to risk. Foreign stock markets tend to be more volatile than the U.S. market due

NOTES TO FINANCIAL STATEMENTS - continued

June 30, 2019 (unaudited)

to economic and/or political instability and the regulatory conditions in some countries. In addition, some of the securities in which the Fund may invest may be denominated in foreign currencies, the value of which may decline against the U.S. dollar. An investment in foreign securities may be subject to high levels of foreign taxation, including foreign taxes withheld at the source. Neither Fund isolates the portion of the results of operations resulting from changes in foreign exchange rates on investments from the fluctuations arising from changes in market prices of securities held. Reported net realized foreign exchange gains or losses arise from sales of portfolio securities, currency gains or losses realized between the trade and settlement dates on securities transactions, and the difference between the amounts of dividends, interest, and foreign withholding taxes recorded on the Funds' books and the U.S. dollar equivalent of the amounts actually received or paid.

OPTIONS — The Funds are subject to equity price risk in the normal course of pursuing their investment objectives and may enter into options written to hedge against changes in the value of equities. The Funds may purchase put and call options to attempt to provide protection against adverse price effects from anticipated changes in prevailing prices of securities or stock indices. The Funds may also write put and call options. When a Fund writes an option, an amount equal to the premium received by the Fund is recorded as a liability and is subsequently adjusted to the current fair value of the option written. Premiums received from writing options that expire unexercised are treated by the Fund on the expiration date as realized gains from investments. The difference between the premium and the amount paid on effecting a closing purchase transaction, including brokerage commissions, is also treated as a realized gain, or, if the premium is less than the amount paid for the closing purchase transaction, as a realized loss. If a call option is exercised, the premium is added to the proceeds from the sale of the underlying security or currency in determining whether the Fund has realized a gain or loss. The Fund as writer of an option bears the market risk of an unfavorable change in the price of the security underlying the written option. The net realized gains/(loss) from written options for the six months ended June 30, 2019 can be found on the Statements of Operations.

The average volume of derivatives during the six months ended June 30, 2019 is as follows:

FIRSTHAND TECHNOLOGY OPPORTUNITIES FUND
WRITTEN OPTIONS
(contracts)

(52,958)

Distributions to Shareholders — Each Fund expects to distribute its net investment income and net realized gains, if any, annually. Distributions from net investment income and capital gains are recorded on the ex-dividend date and are determined in accordance with income tax regulations, which may differ from accounting principles generally accepted in the United States.

NOTES TO FINANCIAL STATEMENTS - continued

June 30, 2019 (unaudited)

Short Positions — Firsthand Alternative Energy Fund may sell securities short for economic hedging purposes. Short sales are transactions in which the Fund sells a security it does not own, in anticipation of a decline in the market value of that security. To initiate such a transaction, the Fund must borrow the security to deliver to the buyer upon the short sale; the Fund is then obligated to replace the security borrowed by purchasing it in the open market at some later date, completing the transaction. The Fund is liable for any dividends payable on securities while those securities are in a short position.

The Fund will incur a loss if the market price of the security increases between the date of the short sale and the date on which the Fund replaces the borrowed security. The Fund will realize a gain if the security declines in value between those dates.

All short sales must be fully collateralized. The Fund maintains the collateral in a segregated account consisting of cash, cash equivalents and/or liquid securities sufficient to collateralize the market value of its short positions. Typically, the segregated cash with brokers and other financial institutions exceeds the minimum required. Deposits with brokers for securities sold short are invested in money market instruments. The Fund did not invest in short sales for the six months ended June 30, 2019.

SECURITY TRANSACTIONS — Security transactions are accounted for no later than one business day following the trade date, however, for financial reporting purposes, security transactions are accounted for on trade date. Realized gains and losses are calculated on a specific identification basis.

ESTIMATES — The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of income and expenses during the reporting period. Actual results could differ from those estimates.

FEDERAL INCOME TAX — Each Fund has elected, and intends to qualify annually, for the special tax treatment afforded regulated investment companies under the Internal Revenue Code of 1986, as amended (the “Code”). As provided in the Code, in any fiscal year in which a Fund so qualifies and distributes at least 90% of its taxable net income, the Fund (but not the shareholders) will be relieved of federal income tax on the income distributed. Accordingly, no provision for income taxes has been made. To avoid imposition of the excise tax applicable to regulated investment companies, each Fund intends to declare as dividends in each calendar year at least 98% of its net investment income (earned during the calendar year) and 98% of its net realized capital gains (earned during the 12 months ended October 31) plus undistributed amounts, if any, from prior years.

NOTES TO FINANCIAL STATEMENTS - continued

June 30, 2019 (unaudited)

The tax character of distributions paid for the year ended December 31, 2018 and 2017 was as follows:

	FIRSTHAND TECHNOLOGY OPPORTUNITIES FUND	
	2018	2017
From ordinary income	\$ —	\$ —
From long-term capital gains	\$ —	\$ —

	FIRSTHAND ALTERNATIVE ENERGY FUND	
	2018	2017
From ordinary income	\$ 2,031	\$ 14,653
From long-term capital gains	\$ —	\$ —

The following information is based upon the federal income tax cost of portfolio investments as of June 30, 2019.

	FIRSTHAND TECHNOLOGY OPPORTUNITIES FUND	FIRSTHAND ALTERNATIVE ENERGY FUND
Gross unrealized appreciation	\$ 110,794,900	\$ 1,737,318
Gross unrealized depreciation	(7,681,234)	(1,048,150)
Net unrealized appreciation (depreciation)	\$ 103,113,666	\$ 689,168
Federal income tax cost	\$ 243,233,211	\$ 5,060,685

As of December 31, 2018, the Funds had capital loss carryforwards for federal income tax purposes as follows:

	SHORT-TERM NO EXPIRATION	LONG-TERM NO EXPIRATION	TOTAL
TEFQX*	\$ —	\$ —	\$ —
ALTEX*	(431,088)	(649,326)	(1,080,414)

* TEFQX: Firsthand Technology Opportunities Fund; ALTEX: Firsthand Alternative Energy Fund.

NOTES TO FINANCIAL STATEMENTS - continued

June 30, 2019 (unaudited)

Components of Distributable Earnings (as of December 31, 2018)

	FIRSTHAND TECHNOLOGY OPPORTUNITIES FUND	FIRSTHAND ALTERNATIVE ENERGY FUND
Net Unrealized Appreciation (Depreciation)*	\$ 57,916,054	\$ (792,403)
Undistributed Ordinary Income	—	—
Undistributed Long-Term Capital Gains	3,355,286	—
Qualified Late-Year Losses Deferred**	—	—
Other Temporary Differences	(108,889)	—
Accumulated Capital Loss Carryforward	—	(1,080,414)
Total Distributable Earnings/Accumulated Loss	\$ 61,162,451	\$ (1,872,817)

* The differences between book-basis and tax-basis unrealized appreciation (depreciation) is attributable primarily to tax deferral of losses on wash sales.

** Under current tax law, capital and currency losses realized after October 31 and prior to the Fund's fiscal year end may be deferred as occurring on the first day of the following fiscal year.

The Funds are subject to tax provisions 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 2018, 2017, 2016 and 2015 remain open to federal and state audit. As of June 30, 2019, management has evaluated the application of these provisions to the Funds, and has determined that no provision for income tax is required in the Funds' financial statements for uncertain tax provisions.

3. INVESTMENT TRANSACTIONS (EXCLUDING SHORT-TERM INVESTMENTS) WERE AS FOLLOWS FOR THE SIX MONTHS ENDED JUNE 30, 2019

	FIRSTHAND TECHNOLOGY OPPORTUNITIES FUND	FIRSTHAND ALTERNATIVE ENERGY FUND
Purchase of investment securities	\$ 118,089,416	\$ 98,129
Proceeds from sales and maturities of investment securities	\$ 75,680,610	\$ —

4. INVESTMENT ADVISORY AND ADMINISTRATION AGREEMENTS; CERTAIN TRUSTEES AND OFFICERS OF THE TRUST ARE ALSO OFFICERS OF THE INVESTMENT ADVISER AND BNY MELLON

Certain trustees and officers of the Trust are also officers of the Investment Adviser or BNY Mellon. BNY Mellon serves as the sub-administrator, investment accounting agent, and shareholder servicing and transfer agent.

NOTES TO FINANCIAL STATEMENTS - continued

June 30, 2019 (unaudited)

INVESTMENT ADVISORY AGREEMENT

Each Fund's investments are managed by the Investment Adviser pursuant to the terms of a master investment advisory agreement (the "Advisory Agreement"). Under the Advisory Agreement, the Investment Adviser provides each Fund with investment research, advice, management, and supervision and manages the investment and reinvestment of assets of each Fund consistent with each Fund's investment objectives, policies, and limitations. Subject to certain exceptions set forth in the Advisory Agreement, the Investment Adviser is responsible for (i) compensation of any of the Fund's trustees, officers, and employees who are interested persons of the Investment Adviser; and (ii) compensation of the Investment Adviser's personnel and other expenses incurred in connection with the provision of portfolio management services under the Advisory Agreement.

Firsthand Capital Management, Inc. is the Investment Adviser to the Funds. For the services it provides under the Advisory Agreement, the Investment Adviser receives from each Fund, on a monthly basis, an advisory fee at the annual rate of 1.40% for TEFQX and 1.53% for ALTEX of its average daily net assets, respectively. The Advisory Agreement requires the Investment Adviser to waive fees and, if necessary, to reimburse expenses of each Fund to the extent necessary to limit a Fund's total operating expenses to 1.85%, for TEFQX and 1.98% for ALTEX, excluding any extraordinary fees, of its average net assets up to \$200 million, 1.80% for TEFQX and 1.93% for ALTEX of such assets from \$200 million to \$500 million, 1.75% for TEFQX and 1.88% for ALTEX of such assets from \$500 million to \$1 billion, and 1.70% for TEFQX and 1.83% for ALTEX of such assets in excess of \$1 billion.

ADMINISTRATION AGREEMENT

The Trust has entered into a separate Administration Agreement with the Investment Adviser. The agreement obligates the Investment Adviser to provide administrative and general supervisory services to each Fund (the "Administration Agreement"). Under the Administration Agreement, the Investment Adviser renders supervisory and corporate administrative services to the Trust, as well as oversees the maintenance of all books and records with respect to each Fund's securities transactions and each Fund's book of accounts in accordance with all applicable federal and state laws and regulations. The Investment Adviser also arranges for the preservation of journals, ledgers, corporate documents, brokerage account records, and other records as required by the 1940 Act.

The Investment Adviser is responsible for the equipment, staff, office space, and facilities necessary to perform its obligations under the Administration Agreement. Under the Administration Agreement, the Investment Adviser has assumed responsibility for payment of all of each Fund's operating expenses excluding brokerage and commission expenses; short sale expenses; fees payable under "Rule 12b-1 plans", if any, and shareholder servicing plans, if any; litigation costs; and any extraordinary and non-recurring expenses. For the services it provides under the Administration Agreement, the Investment Adviser receives

NOTES TO FINANCIAL STATEMENTS - continued

June 30, 2019 (unaudited)

a fee from each Fund at the annual rate of 0.45% of its average daily net assets up to \$200 million, 0.40% of such assets from \$200 million to \$500 million, 0.35% of such assets from \$500 million to \$1 billion, and 0.30% of such assets in excess of \$1 billion.

BNY Mellon Investment Servicing (US) Inc. (“BNY Mellon”), has a Sub-Administration Agreement with the Investment Adviser. Under this agreement, the Investment Adviser (not the Funds) pays to BNY Mellon the fees for the administrative services provided by BNY Mellon. In the case of Firsthand Alternative Energy Fund, the Investment Adviser has also agreed to donate a portion of its management fees allocated, amounting to 0.20% of Firsthand Alternative Energy Fund’s average daily net assets, to various non-profit organizations as elected by Fund shareholders.

Additionally, BNY Mellon serves as the sub-administrator, investment accounting agent and shareholder servicing and transfer agent. The Bank of New York Mellon, serves as the custodian for the Trust.

5. INVESTMENTS IN RESTRICTED SECURITIES

Restricted securities include securities that have not been registered under the Securities Act of 1933, as amended, and securities that are subject to restrictions on resale. A Fund may invest in restricted securities that are consistent with a Fund’s investment objective and investment strategies. A Fund will not invest in a restricted security if, immediately after and as a result of the investment in such security, more than 15% of the Fund’s net assets would be invested in illiquid securities. In some cases, the issuer of restricted securities has agreed to register such securities for resale, at the issuer’s expense either upon demand by the Fund or in connection with another registered offering of the securities. Investments in restricted securities are valued at fair value as determined in good faith in accordance with procedures adopted by the Board of Trustees. It is possible that the estimated value may differ significantly from the amount that might ultimately be realized in the near term, and the difference could be material.

NOTES TO FINANCIAL STATEMENTS - continued

June 30, 2019 (unaudited)

As of June 30, 2019, Firsthand Technology Opportunities Fund did not invest in any restricted securities and the Firsthand Alternative Energy Fund was invested in the following restricted securities:

SECURITY	ACQUISITION DATE	SHARES	COST	VALUE	% OF NET ASSETS
Silicon Genesis Corp., Common Stock	September 2, 2008	109,855	\$ 32,956	\$ 747	0.0%*
Silicon Genesis Corp., Common Stock	September 26, 2008	71,552	21,466	487	0.0%*
Silicon Genesis Corp., Series 1-C Preferred Stock	September 2, 2008	152	46	63	0.0%*
Silicon Genesis Corp., Series 1-E Preferred Stock	September 2, 2008	3,000	2,878	751	0.0%*
			\$ 57,346	\$ 2,048	0.0%*

* Less than 0.05%.

Each Fund, consistent with SEC guidelines, has an investment restriction providing that it cannot purchase additional restricted securities once such securities comprise 15% of a Fund's net assets. The SEC considers a security to be illiquid if it cannot be disposed of within seven days in the ordinary course of business at approximately the amount at which a Fund has valued the security. The restriction stems from the concern that, for an open-end mutual fund with daily redemption obligations, a high level of illiquid securities would increase the risk that a Fund may not be able to meet its daily redemption needs, because illiquid securities often take a longer period of time to sell, and may not necessarily be sold at that Fund's then carrying value.

As of June 30, 2019, Kevin Landis represents the Funds and sits on the following private company's board: Silicon Genesis Corporation. Serving on the boards of directors of the portfolio companies may cause conflicts of interest. The Adviser has adopted various procedures to ensure that the Funds will not be unfavorably affected by these potential conflicts.

6. RISKS

Because the return on and value of an investment in each Fund will fluctuate in response to stock market movements, the most significant risk of investing in a Fund is that you may lose money. Stocks and other equity securities are subject to market risks and fluctuations in value due to earnings, as well as economic, political, or regulatory events, and other factors beyond the Investment Adviser's control. The Funds are designed for long-term investors who can accept the risks of investing in a fund with significant common stock holdings in high-technology industries.

NOTES TO FINANCIAL STATEMENTS - continued

June 30, 2019 (unaudited)

Each Fund is non-diversified. A risk of being non-diversified is that a significant change in the value of one company will have a greater impact on a Fund than it would if the Fund diversified its investments. Another risk for each Fund is its concentration of investments in companies within high-technology industries. The value of high-technology companies can, and often does, fluctuate dramatically and may expose you to greater-than-average financial and market risk.

7. RECENT ACCOUNTING PRONOUNCEMENTS

New Accounting Pronouncements — In August 2018, the FASB issued Accounting Standards Update No. 2018-13 “Disclosure Framework — Changes to the Disclosure Requirements for Fair Value Measurement” (“ASU 2018-13”). ASU 2018-13 eliminates the requirement to disclose the amount of and reasons for transfers between Level 1 and Level 2 of the fair value hierarchy, the timing of transfers between levels of the fair value hierarchy, and the valuation process for Level 3 fair value measurements. ASU 2018-13 does not eliminate the requirement to disclose the range and weighted average used to develop significant unobservable inputs for Level 3 fair value measurements, and the changes in unrealized gains and losses for recurring Level 3 fair value measurements. ASU 2018-13 requires that information is provided about the measurement uncertainty of Level 3 fair value measurements as of the reporting date. The guidance is effective for fiscal years beginning after December 15, 2019, and interim periods within those fiscal years. Management has evaluated the impact of this change in guidance, and due to the permissibility of early adoption, modified the Funds’ fair value disclosures for the current reporting period.

8. SUBSEQUENT EVENT

Management has evaluated the impact of all subsequent events on the Funds 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.

ADDITIONAL INFORMATION

PROXY VOTING POLICIES AND PROCEDURES

The Funds have adopted proxy voting procedures pursuant to which the Funds delegate the responsibility for voting proxies relating to portfolio securities held by the Funds to the Investment Adviser as part of the Investment Adviser's general management of the Funds, subject to the Board of Trustees' continuing oversight. A copy of the Funds' proxy voting policy and procedures is available without charge, upon request, by calling 1.888.884.2675. Information regarding how the Investment Adviser voted these proxies during the most recent one-year period ended June 30 is available by calling the same number and on the website of the U.S. Securities and Exchange Commission at <http://www.sec.gov> on Form N-PX. The Funds' voting record is also available on the Funds' website at www.firsthandfunds.com/proxy.

PORTFOLIO HOLDINGS

The Funds file their complete schedule of portfolio holdings with the SEC for the first and third quarters of each fiscal year on Form N-Q. The Funds' Forms N-Q will be available on the SEC's website at <http://www.sec.gov> and may be reviewed and copied at the SEC's Public Reference Room in Washington, D.C. Information on the operation of the Public Reference Room may be obtained by calling 1.800.SEC.0330.

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This report is provided for the general information of the shareholders of Firsthand Funds. This report is not intended for distribution to prospective investors in the Funds, unless preceded or accompanied by an effective prospectus. For more complete information about Firsthand Funds, please call toll free 1.888.884.2675 or visit www.firsthandfunds.com for an additional prospectus, which contains more information, including risks, fees, and expenses. Read the prospectus carefully before investing or sending money.

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