



# Financial Statements and Supplemental Information

PEAK6 Capital Management LLC

Year Ended December 31, 2017

With Report of Independent Registered Public Accounting Firm

(CONFIDENTIAL PURSUANT TO RULE 17a-5(e)(3))

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

ANNUAL AUDITED REPORT  
FORM X-17A-5  
PART III

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FACING PAGE

Information Required of Brokers and Dealers Pursuant to Section 17 of the  
Securities Exchange Act of 1934 and Rule 17a-5 Thereunder

REPORT FOR THE PERIOD BEGINNING 01/01/2017 AND ENDING 12/31/2017  
MM/DD/YY MM/DD/YY

A. REGISTRANT IDENTIFICATION

NAME OF BROKER-DEALER: PEAK 6 Capital Management LLC

ADDRESS OF PRINCIPAL PLACE OF BUSINESS: (Do not use P.O. Box No.)

141 West Jackson Blvd., Suite 500

OFFICIAL USE ONLY

FIRM I.D. NO.

(No. and Street)

Chicago

Illinois

60604

(City)

(State)

(Zip Code)

NAME AND TELEPHONE NUMBER OF PERSON TO CONTACT IN REGARD TO THIS REPORT

Agnes Krupa

(312) 444-8691

(Area Code – Telephone Number)

B. ACCOUNTANT IDENTIFICATION

INDEPENDENT PUBLIC ACCOUNTANT whose opinion is contained in this Report\*

Ernst & Young LLP

(Name – if individual, state last, first, middle name)

155 N. Wacker Drive

Chicago

Illinois

60606

(Address)

(City)

(State)

(Zip Code)

CHECK ONE:



Certified Public Accountant



Public Accountant



Accountant not resident in United States or any of its possessions.

FOR OFFICIAL USE ONLY

\*Claims for exemption from the requirement that the annual report be covered by the opinion of an independent public accountant must be supported by a statement of facts and circumstances relied on as the basis for the exemption. See Section 240.17a-5(e)(2)

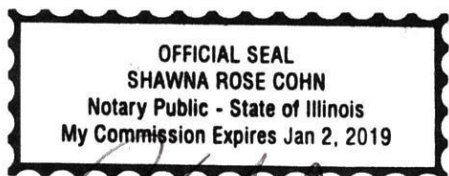
## OATH OR AFFIRMATION

I, Agnes Krupa, swear (or affirm) that, to the best of my knowledge and belief the accompanying financial statement and supporting schedules pertaining to the firm of PEAK 6 Capital Management LLC, as of December 31, 2017, are true and correct. I further swear (or affirm) that neither the company nor any partner, proprietor, principal officer or director has any proprietary interest in any account classified solely as that of a customer, except as follows:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Notary Public

Signature

Chief Financial Officer, PEAK6 Capital Management LLC

Title

This report \*\* contains (check all applicable boxes):

- ☒ (a) Facing Page.
- ☒ (b) Statement of Financial Condition.
- ☒ (c) Statement of Income (Loss).
- ☒ (d) Statement of Changes in Financial Condition.
- ☒ (e) Statement of Changes in Stockholders' Equity or Partners' or Sole Proprietors' Capital.
- ☒ (f) Statement of Changes in Liabilities Subordinated to Claims of Creditors.
- ☒ (g) Computation of Net Capital.
- ☒ (h) Computation for Determination of Reserve Requirements Pursuant to Rule 15c3-3.
- ☒ (i) Information Relating to the Possession or Control Requirements Under Rule 15c3-3.
- ☐ (j) A Reconciliation, including appropriate explanation of the Computation of Net Capital Under Rule 15c3-1 and the Computation for Determination of the Reserve Requirements Under Exhibit A of Rule 15c3-3.
- ☐ (k) A Reconciliation between the audited and unaudited Statements of Financial Condition with respect to methods of consolidation.
- ☒ (l) An Oath or Affirmation.
- ☒ (m) A copy of the SIPC Supplemental Report.
- ☐ (n) A report describing any material inadequacies found to exist or found to have existed since the date of the previous audit.

**\*\*For conditions of confidential treatment of certain portions of this filing, see section 240.17a-5(e)(3).**

PEAK6 Capital Management LLC

Financial Statements and Supplementary Information

Year Ended December 31, 2017

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## **Report of Independent Registered Public Accounting Firm**

To the Member of PEAK6 Capital Management LLC

### **Opinion on the Financial Statements**

We have audited the accompanying statement of financial condition of PEAK6 Capital Management LLC (the Company) as of December 31, 2017, the related statements of income, changes in subordinated borrowings, changes in member's equity, and cash flows for the year then ended, and the related notes (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Company at December 31, 2017, and the results of its operations and its cash flows for the year then ended in conformity with U.S. generally accepted accounting principles.

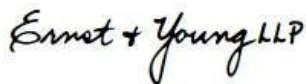
### **Basis for Opinion**

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

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. Our audit included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audit also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audit provides a reasonable basis for our opinion.

### **Supplemental Information**

The accompanying information contained in Schedules I, II, III, and IV has been subjected to audit procedures performed in conjunction with the audit of the Company's financial statements. Such information is the responsibility of the Company's management. Our audit procedures included determining whether the information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information. In forming our opinion on the information, we evaluated whether such information, including its form and content, is presented in conformity with Rule 17a-5 under the Securities Exchange Act of 1934. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements as a whole.



We have served as the Company's auditor since 2006.

February 27, 2018

PEAK6 Capital Management LLC

Statement of Financial Condition

Year Ended December 31, 2017

**Assets**

Cash	\$ 724,348
Securities owned	3,780,204,847
Interest and dividends receivable	2,035,949
Loans receivable	1,478,843
Receivable from clearing brokers, net	814,149
Other assets	438,998
Total assets	<u>\$3,785,697,134</u>

**Liabilities and member's equity**

Liabilities:

Securities sold, not yet purchased	\$3,162,185,948
Payable to clearing broker, net	362,440,239
Accrued compensation	10,402,060
Line of credit	15,000,000
Interest and dividends payable	2,209,158
Payable to parent	1,902,176
Accounts payable and other accrued liabilities	<u>1,548,241</u>
Total liabilities	<u>3,555,687,822</u>

Member's equity	<u>230,009,312</u>
Total liabilities and member's equity	<u>\$3,785,697,134</u>

*See accompanying notes.*

# PEAK6 Capital Management LLC

## Statement of Income

Year Ended December 31, 2017

### Revenues

Gains and losses on principal transactions	\$ 166,161,663
Interest and dividend income	44,258,488
Other income	929,525
Net revenues	<u>211,349,676</u>

### Expenses

Interest and dividend expense	51,428,773
Compensation and benefits	44,255,155
Brokerage, clearing, and exchange fees	17,781,092
Technology and telecommunication	4,407,239
Management fee	2,250,000
Occupancy and equipment	1,841,426
Quotations	1,251,896
Consulting fees from affiliates	978,039
Consulting and professional services	761,510
Regulatory fees	452,389
Subordinated debt interest	31,337
LOC interest	20,752
Other	867,019
Total expenses	<u>126,326,627</u>
Net income	<u><u>\$ 85,023,049</u></u>

*See accompanying notes.*

## PEAK6 Capital Management LLC

### Statement of Changes in Subordinated Borrowings

Year Ended December 31, 2017

Subordinated borrowings at beginning of year	\$ 9,966,500
Payment of subordinated notes	(9,966,500)
Subordinated borrowings at end of year	<u>\$ —</u>

### Statement of Changes in Member's Equity

Year Ended December 31, 2017

Member's equity at beginning of year	\$ 189,986,263
Capital withdrawals	(45,000,000)
Net income	85,023,049
Member's equity at end of year	<u>\$ 230,009,312</u>

*See accompanying notes.*



# PEAK6 Capital Management LLC

## Statement of Cash Flows

Year Ended December 31, 2017

### Operating activities

Net income	\$ 85,023,049
Adjustments to reconcile net income to net cash provided by operating activities:	
Changes in operating assets and liabilities:	
Securities owned	(879,881,787)
Interest and dividends receivable	384,431
Receivable from clearing brokers	769,487
Other assets	278,037
Securities sold, not yet purchased	868,218,133
Payable to clearing broker	(22,151,919)
Accrued compensation	(7,111,614)
Payable to parent	(4,133,437)
Interest and dividends payable	319,528
Accounts payable and other accrued liabilities	(67,243)
Net cash provided by operating activities	41,646,665

### Investing activities

Issuance of loan	(1,478,843)
Net cash used by investing activities	(1,478,843)

### Financing activities

Payment of subordinated notes	(9,966,500)
Issuance of line of credit	15,000,000
Capital withdrawals	(45,000,000)
Net cash used in financing activities	(39,966,500)

Net change in cash	201,322
Cash at beginning of year	523,026
Cash at end of year	\$ 724,348

### Supplemental disclosure of cash flow information

Interest paid	\$ (25,958,346)
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# PEAK6 Capital Management LLC

## Notes to Financial Statements

December 31, 2017

### **1. Organization and Nature of Business**

PEAK6 Capital Management LLC (the Company), a Delaware limited liability company and a wholly-owned subsidiary of PEAK6 Investments, L.P. (the Parent), trades proprietarily and operates as a market maker in equity options, providing liquidity to participants in the equity and equity derivatives markets. The Company, acting as principal, buys and sells equity securities and equity derivative financial instruments. The Company clears all transactions through registered clearing brokers. The Company is registered as a broker-dealer under the Securities Exchange Act of 1934 and is a member of the Chicago Board Options Exchange (the Exchange).

The Company clears the majority of its transactions through its primary clearing brokers, Goldman Sachs Execution and Clearing L.P. (GSEC), ABN AMRO (ABN) and Apex Clearing Corporation (APEX).

### **2. Significant Accounting Policies**

The preparation of financial statements in conformity with U.S. generally accepted accounting principles (U.S. GAAP) requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Management believes that the estimates utilized in preparing its financial statements are reasonable and prudent. Actual results could differ from these estimates.

### **Securities Owned and Securities Sold, Not Yet Purchased**

Proprietary securities and derivative financial instrument transactions are recorded on a trade-date basis. Dividends are recognized on the ex-dividend date, and interest is accrued as earned or payable. Securities owned and securities sold, not yet purchased are carried at fair value. See Note 3 for a description about how fair value is determined by the Company. Unrealized gains and losses are reflected in gains and losses on principal transactions on the statement of income. The value of exchange-traded equity securities are based on quoted market prices. The resulting gains and losses are reflected in the statement of income. Securities sold, not yet purchased represent obligations to deliver specified securities at a future date at then-prevailing prices that may differ from the values reflected in the statement of financial condition. Accordingly, these transactions result in off-balance sheet risk, as the Company's ultimate obligation to satisfy the sale of securities sold, not yet purchased may exceed the amount reflected in the statement of financial condition. All equity securities are pledged to the clearing brokers on terms that permit the clearing brokers to sell or repledge the securities, subject to certain limitations.

# PEAK6 Capital Management LLC

## Notes to Financial Statements (continued)

### 2. Significant Accounting Policies (continued)

#### Receivable From Clearing Brokers

Receivables and payables relating to trades pending settlement, net unrealized gains and losses on futures, cash, and margin balances are netted by the respective clearing brokers in receivable from clearing brokers in the statement of financial condition. Margin balances are collateralized by certain of the Company's securities and cash balances held by the clearing brokers. In relation to margin debit balances, the Company is charged interest at fluctuating rates based on the clearing broker call rates. Cash and securities at the clearing brokers that are related to securities sold, not yet purchased are partially restricted until the securities are purchased.

#### Income Taxes

As a single-member limited liability company, the Company is not subject to federal income taxes. Instead, the Parent is liable for federal income taxes on the taxable income of the Company. The Company may be subject to certain state and local taxes. In accordance with the provision set forth in Accounting Standards Codification (ASC) 740, Income Taxes, management has reviewed the Company's tax positions for all open tax years, which includes 2011 through 2017, and concluded that, as of December 31, 2017, a provision for income taxes is not required. To the extent the Company records interest and penalties, they are included in other expenses in the statement of income.

#### Recent Accounting Pronouncements

In May 2014, the FASB issued ASU No. 2014-09, Revenue from Contracts with Customers (Topic 606), which supersedes the revenue recognition requirements in ASC 605, Revenue Recognition. The new standard introduces a framework for recognizing revenue that focuses on the transfer of control rather than risks and rewards. The new standard also requires significant additional disclosures about the nature, amount, timing and uncertainty of revenue and cash flows arising from customer contracts, including significant judgments, changes in judgments and assets recognized from costs incurred to obtain or fulfill a contract. The application of the new standard becomes effective in the first annual period beginning after December 15, 2017, with early adoption permitted. The new standard is not applicable to any material revenue streams of the Company as defined by the ASU, for these revenues streams.

## PEAK6 Capital Management LLC

### Notes to Financial Statements (continued)

#### 3. Financial Instruments

ASC 820, Fair Value Measurement, defines fair value as an exit price representing the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants. ASC 820 establishes a fair value hierarchy for inputs used in measuring fair value that maximizes the use of observable inputs and minimizes the use of unobservable inputs by prioritizing the use of the most observable input when available. Observable inputs are inputs that market participants would use in pricing the asset or liability based on market data obtained from sources independent of the reporting entity; unobservable inputs are inputs that reflect the Company's assumptions about the assumptions market participants would use in pricing the asset or liability.

A financial instrument's level within the fair value hierarchy is based on the lowest level of any input that is deemed significant to the fair value measurement. When a valuation utilizes multiple inputs from varying levels of the fair value hierarchy, the hierarchy level is determined based on the lowest level input(s) that is (are) significant to the fair value measurement in its entirety.

The three levels of the fair value hierarchy that prioritize inputs to valuation methods are as follows:

- Level 1: Valuations based on quoted prices (unadjusted) in active markets for identical assets or liabilities.
- Level 2: Valuations based on quoted prices for similar assets or liabilities in active markets, and inputs that are observable for the assets or liabilities, either directly or indirectly, for substantially the full term of the financial instrument. Financial instruments falling under Level 2 predominantly consist of over-the-counter products and other unquoted securities valued using broker quotes, where these can be corroborated to observable market data.
- Level 3: Valuations based on inputs that are unobservable and deemed significant to the overall fair value measurement (including the Company's own assumptions used in determining the fair value of investments). Financial instruments included within Level 3 are predominantly over-the-counter products and other unquoted securities valued using broker quotes where there is little, if any, market activity for the asset or liability.

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

# PEAK6 Capital Management LLC

## Notes to Financial Statements (continued)

### 3. Financial Instruments (continued)

The following table sets forth by level within the fair value hierarchy the Company's financial assets and liabilities carried at fair value as of December 31, 2017:

	Level 1	Level 2	Level 3	Total
<b>Assets</b>				
Securities owned:				
Equity securities*	\$ 3,023,411,011	\$ -	\$ -	\$ 3,023,411,011
Equity options*	756,793,836	-	-	756,793,836
Total	3,780,204,847	-	-	3,780,204,847
<b>Liabilities</b>				
Securities sold, not yet purchased:				
Equity securities*	\$ 1,696,614,736	\$ -	\$ -	\$ 1,696,614,736
Equity options*	1,165,710,212	-	-	1,165,710,212
Fixed income securities	299,861,000	-	-	299,861,000
Total	3,162,185,948	-	-	3,162,185,948

\* All equity securities and equity options within this category are classified as Level 1 in the fair value hierarchy. The three largest industry concentrations for financial assets include Semiconductors & Semiconductor Equipment 30.1%, Media 15.2% and Health Care Providers & Services 10.2%. The three largest industry concentrations for financial liabilities include Insurance 38.1%, Banks 9.1% and Diversified Telecommunication Services 6.0%.

For the year ended December 31, 2017, the Company held no financial instruments classified within Level 3 and there were no transfers within fair value levels.

### 4. Related-Party Transactions

The Company and the Parent are parties to an intercompany expense-sharing agreement that outlines the allocation of direct and indirect costs between the two entities. The Company reimburses all direct costs paid by the Parent and the Parent reimburses all direct costs paid by the Company, which are included in the respective line items on the statement of income. The following is a summary of (a) the transactions covered by this agreement, (b) the amount reported and (c) the respective financial statement line item in which the amount is reported:

## PEAK6 Capital Management LLC

### Notes to Financial Statements (continued)

#### 4. Related-Party Transactions (continued)

- The Company pays a fee to the Parent for consulting services related to legal, accounting, management and human resources services. \$978,039 has been reported in consulting fees from affiliates on the statement of income.
- The Company pays a fee to the Parent for remote data storage. \$1,751,194 has been reported in technology and telecommunication expense on the statement of income.
- The Company pays an occupancy fee to the Parent for space used. \$1,787,828 has been reported in occupancy and equipment expense on the statement of income.
- The Company pays a management fee to the Parent for advisory services. \$2,250,000 has been reported in management fee on the statement of income.
- At December 31, 2017, \$1,902,176 of amounts payable to the Parent is included in payable to parent on the statement of financial condition.

The Company paid expenses of \$123,278 to an affiliate relating to execution services. This amount is included in brokerage, clearing and exchange fees in the statement of income. In addition, the Company paid this affiliate \$94,774 in net interest expense. This amount is included in interest and dividend income and interest and dividend expense in the statement of income. The affiliate is a subsidiary of the Parent.

#### 5. Subordinated Borrowings

The Parent has a deferred compensation plan that in the prior years was subject to subordination agreements with participants that needed to be approved by the Exchange. In 2017 all subordinated borrowings were repaid back to the parent and the deferred compensation arrangements are no longer subject to sub debt agreements. Interest expense for the year ended December 31, 2017 related to these subordinated borrowings amounted to \$31,337 and is included in subordinated debt interest in the statement of income.

At December 31, 2017, there are no outstanding subordinated borrowings.

#### 6. Line of Credit Agreement

The Company has entered into a line of credit with the Parent for working capital management. The maximum principal amount shall not exceed \$30,000,000 outstanding at any given time with maturity day of December 7, 2018. The Company shall pay the Parent an annual interest rate of

## PEAK6 Capital Management LLC

### Notes to Financial Statements (continued)

#### **6. Line of Credit Agreement (continued)**

Fed Funds plus 0.32% on the loan amount in use. Interest expense for the year ended December 31, 2017 related to this line of credit agreement amounted to \$20,752 and is included in LOC interest in the statement of income. At December 31, 2017, the outstanding credit amount was \$15,000,000.

#### **7. Employee Benefit Plan**

The Parent sponsors a profit-sharing plan (the Plan) under Section 401(k) of the Internal Revenue Code covering all eligible employees of the Company. The Parent may elect to match employees' contributions and make further discretionary contributions to the Plan, subject to certain limitations as set forth in the Plan agreement and the Internal Revenue Code. The Parent charges the Company a rate per employee for inclusion in the Plan. For the year ended December 31, 2017, the charge was \$535,135 for direct Company employees and is included in compensation and benefits in the statement of income.

#### **8. Derivative Financial Instruments**

The Company, in connection with its proprietary trading activities, enters into various derivative transactions, including futures and exchange-traded options. Derivative contracts are financial instruments whose value is based upon an underlying asset, index, or reference rate, or a combination of these factors. The Company may use derivative financial instruments in the normal course of its business to take speculative investment positions as well as for risk management purposes. Options held provide the Company with the opportunity to deliver or take delivery of specified financial instruments at a contracted price. Options written (sold) obligate the Company to deliver or take delivery of specified financial instruments at a contracted price in the event the holder exercises the option, whereas futures obligate the Company to deliver or take delivery of certain financial instruments at the contracted price. The Company may use futures contracts to gain exposure to or hedge against changes in the value of its equities, interest rates, or volatility.

ASC 815, Derivatives and Hedging, requires additional disclosure surrounding how and why the reporting entity uses derivative instruments, how those instruments are accounted for, and how they affect the Company's financial position, financial performance, and cash flows. The Company records its trading-related derivative activities on a fair value basis.

# PEAK6 Capital Management LLC

## Notes to Financial Statements (continued)

### 8. Derivative Financial Instruments (continued)

The following table presents additional information about derivatives held by the Company, including the volume of the Company's derivative activities based on the average number of contracts, categorized by primary risk exposure, and reflected on the statement of financial condition as of December 31, 2017:

Primary Risk Exposure	Classification in Statement of Financial Condition	Fair Value	Average Number of Contracts*
<b>Assets</b>			
Equity option contracts	Securities owned	\$ 756,793,836	2,216,864
<b>Liabilities</b>			
Equity option contracts	Securities sold, not yet purchased	\$ 1,165,710,212	2,101,079

\*Average number of contracts is calculated by averaging the amount of contracts held at the end of each month.

The following table presents the net gain and loss amounts included in the statement of income as gains and losses on principal transactions, categorized by primary risk exposure, for the year ended December 31, 2017:

Primary Risk Exposure	Gains and Losses on Principal Transactions
Equity option contracts	\$ (50,629,616)
Equity futures contracts	(194,413)
	<u>\$ (50,824,029)</u>

### Offsetting of Derivative Assets and Liabilities

In the ordinary course of business, the Company has entered into transactions subject to enforceable master netting agreements or other similar agreements. Generally, the right of setoff in those agreements allows the Company to setoff any exposure to a specific counterparty in the



# PEAK6 Capital Management LLC

## Notes to Financial Statements (continued)

### 8. Derivative Financial Instruments (continued)

event of default based on the terms of the agreements. Generally, the Company manages the cash and securities on a counterparty basis. The following table provides disclosure regarding the potential effect of offsetting of recognized assets and liabilities presented in the statement of financial condition as of December 31, 2017, as well as those balances subject to a master netting agreement had the Company elected to offset:

	Gross Amounts of Recognized Assets	Gross Amounts Offset in the Statement of Financial Condition	Net Amounts of Assets in the Statement of Financial Condition	Gross Amounts Not Offset in the Statement of Financial Condition			Net Amounts
				Offsetting Derivative Positions	Collateral Posted		
<b>Securities owned</b>							
Equity options	\$ 756,793,836	\$ -	\$ 756,793,836	\$ 756,793,836	\$ -		\$ -
<b>Securities sold, not yet purchased:</b>							
Equity options	\$1,165,710,212	\$ -	\$ 1,165,710,212	\$ 756,793,836	\$ 408,916,376		\$ -

### Market Risk and Credit Risk

These derivative financial instruments may have market risk and/or credit risk in excess of the amounts recorded in the statement of financial condition.

Market risk is the potential change in an instrument's value caused by fluctuations in interest rates, equity prices, credit spreads, volatility or other risks. Exposure to market risk is influenced by a number of factors, including the relationships between financial instruments and the volatility and liquidity in the markets in which the financial instruments are traded. Derivative financial instruments involve varying degrees of off-balance sheet market risk. Changes in the market values of the underlying financial instruments may result in changes in the value of the derivative financial instruments. In many cases, the use of derivative financial instruments serves to modify or offset market risk associated with other transactions and, accordingly, serves to decrease the Company's overall exposure to market risk. The Company utilizes various analytical monitoring techniques to control its exposure to market risk.

Credit risk arises from the possible inability of counterparties to meet the terms of their contracts. The Company's exposure to credit risk associated with counterparty non-performance is limited to the current cost to replace all contracts in which the Company has a gain. For exchange-traded

## PEAK6 Capital Management LLC

### Notes to Financial Statements (continued)

#### 8. Derivative Financial Instruments (continued)

derivatives, the clearing corporation acts as the counterparty of specific transactions and, therefore, bears the risk of delivery to and from counterparties to specific positions. The Company clears its trades through GSEC, ABN and APEX. In the event a clearing broker does not fulfill its obligations, the Company may be exposed to risk of loss on securities owned and receivable from the clearing broker. The Company attempts to minimize this risk by monitoring the creditworthiness of the clearing brokers.

##### Guarantees

In the normal course of trading activities, the Company trades and holds certain fair-valued derivative contracts, which may constitute guarantees under ASC 460, Guarantees. Such contracts include written option contracts that are not settled in cash. These written option contracts obligate the Company to deliver or take delivery of specified financial instruments at a contracted price in the event the holder exercises the option.

As of December 31, 2017, the maximum payouts for these contracts are unknown. Maximum payouts do not represent the expected future cash requirements, as the Company's written options positions are typically liquidated or expire and are not exercised by the holder of the option. In addition, maximum payout amounts, in the case of the exercise of written call options, may be offset by the subsequent sale of the underlying financial instrument if owned by the Company. The fair values of all written option contracts, as of December 31, 2017, are included in securities sold, not yet purchased in the statement of financial condition.

#### 9. Commitments and Contingencies

##### General Contingencies

In the ordinary course of business, the Company enters into contracts that contain a variety of representations and warranties that provide indemnifications to the counterparties under certain circumstances. The Company's maximum exposure under these arrangements is unknown, as this would involve future claims that may be made against the Company that have not yet occurred. The Company expects the risk of loss to be remote.

##### Legal Contingencies

In the ordinary course of business, the Company is subject to lawsuits, arbitrations, claims, and other legal proceedings. Management cannot predict with certainty the outcome of pending legal proceedings. A substantial adverse judgment or other resolution regarding the proceedings could

## PEAK6 Capital Management LLC

### Notes to Financial Statements (continued)

#### **9. Commitments and Contingencies (continued)**

have a material adverse effect on the Company's financial condition, results of operations, and cash flows. However, in the opinion of management, after consultation with legal counsel, the outcome of any pending proceedings is not likely to have a material adverse effect on the financial condition, results of operations, and cash flows of the Company.

#### **10. Net Capital Requirements**

The Company, as a registered broker-dealer with the SEC, is subject to the net capital requirements of the SEC Uniform Net Capital Rule 15c3-1 (the Rule) of the Securities and Exchange Act of 1934, administered by the SEC and the Financial Industry Regulatory Authority, Inc. (FINRA). The Company is required to maintain net capital equal to the greater of 6 2/3% of aggregate indebtedness or \$100,000, as these terms are defined. At December 31, 2017, the Company had net capital of \$89,032,789, which was \$87,802,761 in excess of its required net capital of \$1,230,028. At December 31, 2017, its percentage of aggregate indebtedness to net capital was 20.72%.

The Rule may effectively restrict advances to affiliates or capital withdrawals.

#### **11. Subsequent Events**

Management has evaluated the possibility of subsequent events existing in the Company's financial statements through the date the financial statements were available to be issued. On January 31, 2018, \$60,000,000 was withdrawn from the Company by the Parent. The withdrawal was approved by FINRA

## **SUPPLEMENTAL INFORMATION**

## Schedule I

### PEAK6 Capital Management LLC

#### Computation of Net Capital Pursuant to Rule 15c3-1

December 31, 2017

Computation of net capital:

Total ownership equity qualified for Net Capital	\$ 230,009,312
Add:	
Other (deductions) or allowable credits	10,402,060
Total capital and allowable subordinated liabilities	<u>240,411,372</u>
 Total non-allowable assets from Statement of Financial Condition	 <u>(1,917,843)</u>
Net capital before haircuts on securities positions	238,493,529
Haircuts On Securities:	
Trading and investment securities:	
Options	(149,460,742)
Net capital	<u>89,032,787</u>
 Net capital requirement:	
Minimum net capital required	
(Greater of 6 2/3% of aggregate indebtedness or \$100,000)	1,230,028
Excess net capital	<u><u>\$ 87,802,759</u></u>
 Aggregate indebtedness:	
Payable to parent	\$ 1,902,176
Line of credit	15,000,000
Accounts payable and other accrued liabilities	1,548,241
Total aggregate indebtedness	<u><u>\$ 18,450,417</u></u>
 Percentage of aggregate indebtedness to net capital	 <u><u>20.72%</u></u>

There were no material differences between the audited Computation of Net Capital included in this report and the corresponding schedule included in the Company's unaudited December 31, 2017, Part IIA FOCUS Filing.

## Schedule II

### PEAK6 Capital Management LLC

#### Computation for Determination of Customer Reserve Requirements for Brokers and Dealers Pursuant to Rule 15c3-3

December 31, 2017

Although the Company is not exempt from Rule 15c3-3 and the Possession or Control Rule of the Securities Exchange Act of 1934, it does not transact a business in securities with, or for, other than members of a national securities exchange and does not carry margin accounts, credit balances, or securities for any person defined as a “customer” pursuant to Rule 17a-5(c)(4). Accordingly, the Company has no obligations under this section.

### Schedule III

#### PEAK6 Capital Management LLC

#### Computation for Determination of PAB Account Reserve Requirements of Brokers and Dealers Pursuant to Rule 15c3-3

December 31, 2017

Although the Company is not exempt from Rule 15c3-3 and the Possession or Control Rule of the Securities Exchange Act of 1934, it does not transact a business in securities with, or for, other than members of a national securities exchange and does not carry margin accounts, credit balances, or securities for any person defined as a “customer” pursuant to Rule 17a-5(c)(4). Accordingly, the Company has no obligations under this section.

## Schedule IV

### PEAK6 Capital Management LLC

#### Information Relating to the Possession or Control Requirements for Brokers and Dealers Pursuant to Rule 15c3-3

December 31, 2017

Although the Company is not exempt from Rule 15c3-3 and the Possession or Control Rule of the Securities Exchange Act of 1934, it does not transact a business in securities with, or for, other than members of a national securities exchange and does not carry margin accounts, credit balances, or securities for any person defined as a “customer” pursuant to Rule 17a-5(c)(4). Accordingly, the Company has no obligations under this section.