

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549**

FORM 8-K

**CURRENT REPORT
PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934**

Date of Report (Date of earliest event reported): November 14, 2025

NUVVE HOLDING CORP.

(Exact Name of Registrant as Specified in Charter)

Delaware

(State or Other Jurisdiction
of Incorporation)

001-40296

(Commission File Number)

86-1617000

(IRS Employer
Identification No.)

2488 Historic Decatur Road, Suite 230 San Diego, California

(Address of Principal Executive Offices)

92106

(Zip Code)

Registrant's telephone number, including area code: **(619) 456-5161**

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425).
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12).
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)).
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c)).

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading symbols	Name of each exchange on which registered
Common Stock, Par Value \$0.0001 Per Share	NVVE	The Nasdaq Stock Market LLC
Warrants to Purchase Common Stock	NVVEW	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 1.01 Entry into a Material Definitive Agreement.

Private Placement of Preferred Stock and Warrants

On November 14, 2025, Nuvve Holding Corp. (the “Company”) entered into a Securities Purchase Agreement (the “Securities Purchase Agreement”) with the purchasers identified therein (collectively, the “Purchasers”) providing for the issuance and sale to the Purchasers of (i) 5,000 shares of newly-designated Series A Convertible Preferred Stock (the “Preferred Stock”) and (ii) warrants to purchase up to a number of shares of common stock of the Company (the “Common Stock”) equal to 100% of the shares of Common Stock issuable upon conversion of the shares of Preferred Stock (the “Warrants”) with an aggregate stated value of \$5,000,000, for an aggregate purchase price of \$4,500,000 (the “Offering”).

Pursuant to the Purchase Agreement, the Company agreed to hold a special meeting of stockholders on or prior to December 31, 2025, for the purposes of obtaining stockholder approval under the applicable rules and regulations of the Nasdaq Stock Market (“Nasdaq”) approving the issuance of shares of Common Stock pursuant to the conversion of any shares of Preferred Stock and exercise of any Warrants issued under the Securities Purchase Agreement in excess of 19.99% of the issued and outstanding Common Stock on the date of the Securities Purchase Agreement (the “Shareholder Approval”). The closing of the Offering (the “Closing”) shall take place upon the receipt of the Shareholder Approval, and the satisfaction of certain customary conditions contained in the Securities Purchase Agreement.

Pursuant to the Certificate of Designation designating the Preferred Stock (the “Certificate of Designation”) and subject to certain ownership limitations, the Preferred Stock may be converted at any time at the option of the Purchasers into shares of the Company’s Common Stock at an initial conversion price equal to 90% of the closing price of the Common Stock immediately prior to the Closing, subject to certain conditions, as further described in the Certificate of Designation. In addition, the holders of the Preferred Stock are entitled to receive cumulative dividends at the rate per share (as a percentage of the stated value per share) of 8% per annum, which may increase to 18% per annum upon the occurrence of certain triggering events, payable quarterly on January 1, April 1, July 1 and October 1, beginning on the first date after the date of issuance of the Preferred Stock and on each Conversion Date (as defined in the Certificate of Designation), payable, at the election of the holder of such Preferred Stock, in cash, shares of the Common Stock, or a combination thereof.

Pursuant to the Securities Purchase Agreement, each Purchaser will be issued a Warrant, each to purchase up to a number of shares of Common Stock equal to 100% of the number of shares of Common Stock issuable upon conversion of the Preferred Stock (the “Conversion Shares”) issued to such Purchaser. The Warrants have an initial exercise price equal to 135% of the closing price of the Common Stock immediately prior to the Closing, are exercisable, subject to certain ownership limitations, immediately upon issuance and have a term of exercise equal to five years.

The Preferred Stock and Warrants both have full ratchet price protection and are subject to other adjustments, as further described in the Certificate of Designation or the Warrants, a floor price which shall be equal to 20% of the initial Conversion Price (subject to adjustment for reverse and forward splits, recapitalizations and similar transactions) (the “Floor Price”).

Pursuant to the Securities Purchase Agreement, the Purchasers may elect to purchase additional shares of Preferred Stock with an aggregate stated value of up to \$25,000,000 (the “Additional Investment Right”) and accompanying additional warrants to purchase shares of Common Stock (the “AIR Warrants”). Such Preferred Stock and AIR Warrants shall have identical terms to the Preferred Stock and Warrants issued at the Closing, provided that the initial conversion price and exercise price, as applicable, of such Preferred Stock and AIR Warrants (the “AIR Price”) shall be equal to the greater of (A) the lesser of (i) 90% of the arithmetic average of the five lowest intraday trading prices occurring during any time during the 10 trading days prior to the exercise of such Additional Investment Right and (ii) the conversion price of the outstanding Preferred Stock and/or exercise price of the outstanding Warrants the in effect and (B) the Floor Price. Additionally the Purchasers shall, commencing on the six-month anniversary of the Closing Date and during every six months thereafter, the Purchases shall either exercise Additional Investments or the Warrants, for gross proceeds to the Company of at least \$4.0 million until the Company has received at least \$20.0 million in gross proceeds, provided the Purchasers shall have no obligation to exercise such Additional Investment Right every six months if during such period the AIR Price does not equal or exceed the Floor Price.

The offer and sale of the securities in the Offering were made pursuant to the exemption from registration provided by Section 4(a)(2) of the Securities Act of 1933, as amended (the “Securities Act”), and Rule 506(b) of Regulation D promulgated thereunder.

Registration Rights Agreement

The Company and the Purchasers entered into a registration rights agreement pursuant to which the Company agreed to file a registration statement with the Securities and Exchange Commission covering the public resale of the Common Stock issuable upon conversion of the Preferred Stock and upon exercise of the Warrants. The Company has agreed to file a registration statement within 15 days after the initial closing and after each closing of the exercise of any Additional Investment Right in accordance with the Securities Purchase Agreement, to become effective no later than 60 days after filing. If these deadlines are not met, the Company will be liable for liquidated damages of 1.5% of the subscription amount paid by each Purchaser pursuant to the Securities Purchase Agreement. Further, if the Company fails to pay such liquidated damages within seven days from the date payable, the Company will pay interest thereon at a rate of 18% per annum (or such lesser maximum amount that is permitted to be paid by the applicable law) to each holder of the registerable securities.

Equity Line of Credit Facility

In addition, on November 14, 2025, in connection with the Offering, the Company entered into a common shares purchase agreement (the “ELOC Agreement”) with one of the Purchasers (the “Investor”) relating to a committed equity facility (the “Facility”). Pursuant to the ELOC Agreement, the Company has the right, from time to time at its option to sell to the Investor up to \$25 million of its Common Stock (the “ELOC Shares”), subject to certain conditions and limitations set forth in the ELOC Agreement, including the ELOC Registration Statement being declared effective. In consideration for the Investor’s execution and delivery of the ELOC Agreement, the Company agreed to issue to the Investor a pre-funded warrant to purchase 2,221,235 of shares of Common Stock as a commitment fee (the “Pre-Funded Warrant”).

Upon the satisfaction of all of the conditions to commencement of the Company’s rights to sell ELOC Shares under the terms of the ELOC Agreement, the Company shall have the right, but not the obligation, to direct the Investor to purchase a number of ELOC Shares (the “VWAP Purchase Share Request”) at the VWAP Purchase Price. The VWAP Purchase Price is the price per Common Share equal to 93% of the lesser of the (i) lowest sale price on the VWAP purchase date (as defined in the ELOC Agreement) and (ii) the VWAP over the applicable VWAP purchase period on such VWAP purchase date for such VWAP purchase.

The ELOC Shares are being offered in reliance upon the exemption from the registration requirement of the Securities Act, pursuant to Section 4(a)(2) thereof and/or Rule 506(b) of Regulation D promulgated thereunder, and applicable state securities laws.

The Company intends to use the net proceeds from the ELOC Agreement for working capital and general purposes.

The Company has agreed to file, within 30 trading days after execution of the ELOC Agreement, a registration statement (the “ELOC Registration Statement”) with the Securities and Exchange Commission covering the resale of the Common Shares to be sold under the ELOC Agreement and has agreed to use commercially reasonable efforts to cause such registration to become effective as soon as reasonably practicable following the filing thereof with the Securities and Exchange Commission (the “ELOC Registration Statement”).

The transaction documents contain customary representations and warranties, covenants, indemnification provisions, and closing conditions.

The foregoing descriptions of the terms of the Certificate of Designations, Warrant, Pre-Funded Warrant, Securities Purchase Agreement, Registration Rights Agreement, ELOC Agreement are not intended to be complete and are qualified in their entirety by reference to such exhibits, which are filed herewith as Exhibits 3.1 4.1, 4.2, 10.1, 10.2 and 10.3, respectively, to this Current Report on Form 8-K and are incorporated by reference herein. Neither this current report on Form 8-K, nor the exhibits attached hereto, is an offer to sell or the solicitation of an offer to buy the securities described herein.

Item 3.02 Unregistered Sales of Equity Securities.

The information set forth in Item 1.01 is incorporated by reference into this Item 3.02 in its entirety.

Item 3.03 Material Modification to Rights of Security Holders.

The information set forth in Item 1.01 is incorporated by reference into this Item 3.03 in its entirety.

Item 5.03 Amendments to Articles of Incorporation or Bylaws; Change in Fiscal Year.

The information set forth in Items 1.01 and 3.03 regarding the Certificate of Designation are incorporated by reference into this Item 5.03 in its entirety.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
3.1	Form of Certificate of Designation of Preferences, Rights and Limitations of Series A Convertible Preferred Stock.
4.1	Form of Common Warrant.
4.2	Form of Pre-Funded Warrant
10.1	Securities Purchase Agreement, dated as of November 14, 2025, between the Company and the purchasers identified therein.
10.2	Registration Rights Agreement, dated as of November 14, 2025, between the Company and the purchasers identified therein.
10.3	Common Shares Purchase Agreement, dated as of November 14, 2025, between the Company and the purchasers thereto.
104	Cover Page Interactive Data File - the cover page XBRL tags are embedded within the Inline XBRL document.

SIGNATURE

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

Dated: November 14, 2025

NUVVE HOLDING CORP.

By: /s/ Gregory Poilasne
Gregory Poilasne
Chief Executive Officer

NUVVE HOLDINGS CORP.
CERTIFICATE OF DESIGNATION OF PREFERENCES,
RIGHTS AND LIMITATIONS
OF
SERIES A CONVERTIBLE PREFERRED STOCK

PURSUANT TO SECTION 151 OF THE
DELAWARE GENERAL CORPORATION LAW

The undersigned, Gregory Poilasne and David Robson, do hereby certify that:

1. They are the Chief Executive Officer and Secretary, respectively, of Nuvve Holdings Corp., a Delaware corporation (the "Corporation").
2. The Corporation is authorized to issue 1,000,000 shares of preferred stock, none of which have been issued.
3. The following resolutions were duly adopted by the board of directors of the Corporation (the "Board of Directors"):

WHEREAS, the certificate of incorporation of the Corporation provides for a class of its authorized stock known as preferred stock, consisting of 1,000,000 shares, \$0.0001 par value per share, issuable from time to time in one or more series;

WHEREAS, the Board of Directors is authorized to fix the dividend rights, dividend rate, voting rights, conversion rights, rights and terms of redemption and liquidation preferences of any wholly unissued series of preferred stock and the number of shares constituting any series and the designation thereof, of any of them; and

WHEREAS, it is the desire of the Board of Directors, pursuant to its authority as aforesaid, to fix the rights, preferences, restrictions and other matters relating to a new series of the preferred stock, which shall consist of, except as otherwise set forth in the Purchase Agreement, up to [] shares of Series A Convertible Preferred Stock, par value \$0.0001 per share, which the Corporation has the authority to issue, as follows:

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors does hereby provide for the issuance of a series of preferred stock for cash or exchange of other securities, rights or property and does hereby fix and determine the rights, preferences, restrictions and other matters relating to such series of preferred stock as follows:

TERMS OF PREFERRED STOCK

Section 1. Definitions. Capitalized terms used herein and not otherwise defined herein shall have the respective meanings set forth in the Purchase Agreement. For the purposes hereof, the following terms shall have the following meanings:

"Affiliate" means any Person that, directly or indirectly through one or more intermediaries, controls or is controlled by or is under common control with a Person, as such terms are used in and construed under Rule 405 of the Securities Act.

“Alternate Consideration” shall have the meaning set forth in Section 7(e).

“Bankruptcy Event” means any of the following events: (a) the Corporation or any Significant Subsidiary (as such term is defined in Rule 1-02(w) of Regulation S-X) thereof commences a case or other proceeding under any bankruptcy, reorganization, arrangement, adjustment of debt, relief of debtors, dissolution, insolvency or liquidation or similar law of any jurisdiction relating to the Corporation or any Significant Subsidiary thereof, (b) there is commenced against the Corporation or any Significant Subsidiary thereof any such case or proceeding that is not dismissed within 60 days after commencement, (c) the Corporation or any Significant Subsidiary thereof is adjudicated insolvent or bankrupt or any order of relief or other order approving any such case or proceeding is entered, (d) the Corporation or any Significant Subsidiary thereof suffers any appointment of any custodian or the like for it or any substantial part of its property that is not discharged or stayed within 60 calendar days after such appointment, (e) the Corporation or any Significant Subsidiary thereof makes a general assignment for the benefit of creditors, (f) the Corporation or any Significant Subsidiary thereof calls a meeting of its creditors with a view to arranging a composition, adjustment or restructuring of its debts, or (g) the Corporation or any Significant Subsidiary thereof, by any act or failure to act, expressly indicates its consent to, approval of or acquiescence in any of the foregoing or takes any corporate or other action for the purpose of effecting any of the foregoing.

“Base Conversion Price” shall have the meaning set forth in Section 7(b).

“Beneficial Ownership Limitation” shall have the meaning set forth in Section 6(d).

“Business Day” means any day except any Saturday, any Sunday, any day which is a federal legal holiday in the United States or any day on which banking institutions in the State of New York are authorized or required by law or other governmental action to close.

“Buy-In” shall have the meaning set forth in Section 6(c)(iv).

“Commission” means the United States Securities and Exchange Commission.

“Common Stock” means the Corporation’s common stock, par value \$0.0001 per share, and stock of any other class of securities into which such securities may hereafter be reclassified or changed.

“Common Stock Equivalents” means any securities of the Corporation or the Subsidiaries which would entitle the holder thereof to acquire at any time Common Stock, including, without limitation, any debt, preferred stock, rights, options, warrants or other instrument that is at any time convertible into or exercisable or exchangeable for, or otherwise entitles the holder thereof to receive, Common Stock.

“Conversion Amount” means the sum of the Stated Value at issue.

“Conversion Date” shall have the meaning set forth in Section 6(a).

“Conversion Price” shall have the meaning set forth in Section 6(b).

“Conversion Shares” means, collectively, the shares of Common Stock issuable upon conversion of the shares of Preferred Stock in accordance with the terms hereof.

“Conversion Shares Registration Statement” means a registration statement that registers the resale of all or any portion of the Conversion Shares by the Holders, which shall be named as “selling stockholders” therein, and meets the requirements of the Registration Rights Agreement.

“Dilutive Issuance” shall have the meaning set forth in Section 7(b).

“Dilutive Issuance Notice” shall have the meaning set forth in Section 7(b).

“Dividend Payment Date” shall have the meaning set forth in Section 3(a).

“Effective Date” means the date that the initial Conversion Shares Registration Statement filed by the Corporation pursuant to the Registration Rights Agreement is first declared effective by the Commission.

“ELOC” means the Corporation’s equity line of credit facility pursuant to the Common Shares Purchase Agreement, dated as of [], 2025, by and between the Corporation and Five Narrow Lane LP.

“Exchange Act” means the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

“Fundamental Transaction” shall have the meaning set forth in Section 7(e).

“GAAP” means United States generally accepted accounting principles.

“Holder” shall have the meaning given such term in Section 2.

“Indebtedness” means (a) any liabilities for borrowed money or amounts owed in excess of \$50,000 (other than trade accounts payable incurred in the ordinary course of business), (b) all guaranties, endorsements and other contingent obligations in respect of indebtedness of others, whether or not the same are or should be reflected in the Corporation’s balance sheet (or the notes thereto), except guaranties by endorsement of negotiable instruments for deposit or collection or similar transactions in the ordinary course of business, and (c) the present value of any lease payments in excess of \$50,000 due under leases required to be capitalized in accordance with GAAP.

“Issuable Maximum” shall have the meaning set forth in Section 6(e).

“Junior Securities” means the Common Stock and all other Common Stock Equivalents of the Corporation other than those securities which are explicitly senior or pari passu to the Preferred Stock in dividend rights or liquidation preference.

“Liens” means a lien, charge, security interest, encumbrance, right of first refusal, preemptive right or other restriction.

“Liquidation” shall have the meaning set forth in Section 5.

“New York Courts” shall have the meaning set forth in Section 11(d).

“Notice of Conversion” shall have the meaning set forth in Section 6(a).

“Original Issue Date” means the date of the first issuance of any shares of the Preferred Stock regardless of the number of transfers of any particular shares of Preferred Stock and regardless of the number of certificates which may be issued to evidence such Preferred Stock.

“Permitted Indebtedness” means (a) the Indebtedness existing on the Original Issue Date and (b) lease obligations and purchase money indebtedness incurred in connection with the acquisition of capital assets and lease obligations with respect to newly acquired or leased assets.

“Permitted Lien” means the individual and collective reference to the following: (a) Liens for taxes, assessments and other governmental charges or levies not yet due or Liens for taxes, assessments and other governmental charges or levies being contested in good faith and by appropriate proceedings for which adequate reserves (in the good faith judgment of the management of the Corporation) have been established in accordance with GAAP, (b) Liens imposed by law which were incurred in the ordinary course of the Corporation’s business, such as carriers’, warehousemen’s and mechanics’ Liens, statutory landlords’ Liens, and other similar Liens arising in the ordinary course of the Corporation’s business, and which (x) do not individually or in the aggregate materially detract from the value of such property or assets or materially impair the use thereof in the operation of the business of the Corporation and its consolidated Subsidiaries or (y) are being contested in good faith by appropriate proceedings, which proceedings have the effect of preventing for the foreseeable future the forfeiture or sale of the property or asset subject to such Lien, (c) Liens incurred in connection with Permitted Indebtedness under clause (a) thereunder, and (d) Liens incurred in connection with Permitted Indebtedness under clause (b) thereunder, provided that such Liens are not secured by assets of the Corporation or its Subsidiaries other than the assets so acquired or leased.

“Person” means an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

“Preferred Stock” shall have the meaning set forth in Section 2.

“Purchase Agreement” means the Securities Purchase Agreement, dated as of the Original Issue Date, among the Corporation and the original Holders, as amended, modified or supplemented from time to time in accordance with its terms.

“Registration Rights Agreement” means the Registration Rights Agreement, dated as of the date of the Purchase Agreement, among the Corporation and the original Holders, in the form of Exhibit B attached to the Purchase Agreement.

“Registration Statement” means a registration statement meeting the requirements set forth in the Registration Rights Agreement and covering the resale of the Underlying Shares by each Holder as provided for in the Registration Rights Agreement.

“Rule 144” means Rule 144 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same effect as such Rule.

“Securities” means the Preferred Stock, the Warrants, and the Underlying Shares.

“Securities Act” means the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder.

“Share Delivery Date” shall have the meaning set forth in Section 6(c).

“Stated Value” shall have the meaning set forth in Section 2, as the same may be increased pursuant to Section 3.

“Shareholder Approval” means such approval as may be required by the applicable rules and regulations of the Nasdaq Stock Market (or any successor entity) from the shareholders of the Corporation with respect to the transactions contemplated by the Transaction Documents, including the issuance of all of the Underlying Shares in excess of 19.99% of the issued and outstanding Common Stock on the date of the Purchase Agreement.

“Subscription Amount” shall mean, as to each Holder, the aggregate amount to be paid for the Preferred Stock purchased pursuant to the Purchase Agreement as specified below such Holder’s name on the signature page of the Purchase Agreement and next to the heading “Subscription Amount,” in United States dollars and in immediately available funds.

“Subsidiary” means any subsidiary of the Corporation as set forth on Schedule 3.1(a) of the Purchase Agreement and shall, where applicable, also include any direct or indirect subsidiary of the Corporation formed or acquired after the date of the Purchase Agreement.

“Successor Entity” shall have the meaning set forth in Section 7(e).

“Trading Day” means a day on which the principal Trading Market is open for business.

“Trading Market” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the NYSE American, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market, the New York Stock Exchange, the Pink Open Market operated by OTC Markets Group, Inc. (“Pink Market”), the OTCQB Venture Market (“OTCQB”) or the OTCQX Best Market (“OTCQX”), or any successors to any of the foregoing.

“Transaction Documents” means this Certificate of Designation, the Purchase Agreement, the Warrants, the Registration Rights Agreement, all exhibits and schedules thereto and hereto and any other documents or agreements executed in connection with the transactions contemplated pursuant to the Purchase Agreement.

“Triggering Event” shall have the meaning set forth in Section 10(a).

“Triggering Amount” means, for each share of Preferred Stock, the sum of (a) all accrued but unpaid dividends thereon and (b) all liquidated damages and other costs, expenses or amounts due in respect of the Preferred Stock.

“Underlying Shares” means the shares of Common Stock issued and issuable upon conversion of the Preferred Stock, upon exercise of the Warrants and issued and issuable in lieu of the cash payment of dividends on the Preferred Stock in accordance with the terms of this Certificate of Designation.

“Variable Rate Transaction” shall have the meaning ascribed to such term in the Purchase Agreement.

“Warrants” shall have the meaning ascribed to such term in Section 1.1 of the Purchase Agreement.

“Warrant Shares” means the shares of Common Stock issuable upon exercise of the Warrants.

Section 2. Designation, Amount and Par Value; Ranking. The series of preferred stock shall be designated as its Series A Convertible Preferred Stock (the “Preferred Stock”) and the number of shares so designated shall be [] (which shall not be subject to increase without the written consent of the holders of a majority of the then outstanding shares of the Preferred Stock (each, a “Holder” and collectively, the “Holders”). Each share of Preferred Stock shall have a par value of \$0.0001 per share and a stated value equal to \$1,000, subject to increase set forth in Section 3 below (the “Stated Value”). Except to the extent that holders of a majority of the then outstanding shares of Preferred Stock (the “Required Holders”) expressly consent to the creation of Parity Stock or Senior Preferred Stock, all shares of capital stock of the Corporation shall be junior in rank to all Preferred Shares with respect to the preferences as to dividends, distributions and payments upon the liquidation, dissolution and winding up of the Corporation (such junior stock is referred to herein collectively as “Junior Stock”). The rights of all such shares of capital stock of the Corporation shall be subject to the rights, powers, preferences and privileges of the Preferred Shares. Without limiting any other provision of this Certificate of Designations, without the prior express consent of the Required Holders, voting separately as a single class, the Corporation shall not hereafter authorize or issue any additional or other shares of capital stock that are (i) of senior rank to the Preferred Shares in respect of the preferences as to dividends, distributions and payments upon the liquidation, dissolution and winding up of the Corporation (collectively, the “Senior Preferred Stock”), or (ii) of pari passu rank to the Preferred Shares in respect of the preferences as to dividends, distributions and payments upon the liquidation, dissolution and winding up of the Corporation (collectively, the “Parity Stock”). In the event of the merger or consolidation of the Corporation with or into another corporation, the Preferred Shares shall maintain their relative rights, powers, designations, privileges and preferences provided for herein and no such merger or consolidation shall be consummated if it would result in the Preferred Shares being treated in any manner inconsistently with the foregoing.

Section 3. Dividends.

a) Dividends in Cash or in Kind. From and after the first date of issuance of any Preferred Stock, Holders shall be entitled to receive, and the Corporation shall pay, cumulative dividends at the rate per share (as a percentage of the Stated Value per share) of 8% per annum (subject to increase pursuant to Section 10(b)) (“Dividend Rate”), payable quarterly on January 1, April 1, July 1 and October 1, beginning on the first such date after the Original Issue Date and on each Conversion Date (with respect only to Preferred Stock being converted) (each such date, a “Dividend Payment Date”) (if any Dividend Payment Date is not a Trading Day, the applicable payment shall be due on the next succeeding Trading Day), at the election of the Holder: (i) in cash, (ii) in duly authorized, validly issued, fully paid and non-assessable shares of Common Stock valued at the Conversion Price, or (iii) in any combination of the foregoing.

b) [reserved].

c) Dividend Calculations. Dividends on the Preferred Stock shall be calculated on the basis of a 360-day year, consisting of twelve 30 calendar day periods, and shall accrue daily commencing on the Original Issue Date, and shall be deemed to accrue from such date whether or not earned or declared and whether or not there are profits, surplus or other funds of the Corporation legally available for the payment of dividends. Payment of dividends in shares of Common Stock shall otherwise occur pursuant to Section 6(c)(i) herein and, solely for purposes of the payment of dividends in shares, the Dividend Payment Date shall be deemed the Conversion Date. Dividends shall cease to accrue with respect to any Preferred Stock converted, provided that, the Corporation actually delivers the Conversion Shares within the time period required by Section 6(c)(i) herein. Except as otherwise provided herein, if at any time the Corporation pays dividends partially in cash and partially in shares, then such payment shall be distributed ratably among the Holders based upon the number of shares of Preferred Stock held by each Holder on such Dividend Payment Date.

d) Late Fees. Any dividends, whether paid in cash or shares of Common Stock, that are not paid within three Trading Days following a Dividend Payment Date shall continue to accrue and shall entail a late fee, which must be paid in cash, at the rate of 18% per annum or the lesser rate permitted by applicable law which shall accrue daily from the Dividend Payment Date through and including the date of actual payment in full.

e) Other Securities. So long as any Preferred Stock shall remain outstanding, neither the Corporation nor any Subsidiary thereof shall redeem, purchase or otherwise acquire directly or indirectly any Junior Securities. So long as any Preferred Stock shall remain outstanding, neither the Corporation nor any Subsidiary thereof shall directly or indirectly pay or declare any dividend or make any distribution upon (other than a dividend or distribution described in Section 6 or dividends due and paid in the ordinary course on preferred stock of the Corporation at such times when the Corporation is in compliance with its payment and other obligations hereunder), nor shall any distribution be made in respect of, any Junior Securities as long as any dividends due on the Preferred Stock remain unpaid, nor shall any monies be set aside for or applied to the purchase or redemption (through a sinking fund or otherwise) of any Junior Securities or shares pari passu with the Preferred Stock.

Section 4. Voting Rights. Except as otherwise provided herein or as otherwise required by law, the Preferred Stock shall have no voting rights. However, as long as any shares of Preferred Stock are outstanding, the Corporation shall not, without the affirmative vote of the Holders of a majority of the then outstanding shares of the Preferred Stock, (a) alter or change adversely the powers, preferences or rights given to the Preferred Stock or alter or amend this Certificate of Designation, (b) authorize or create any class of stock ranking as to dividends, redemption or distribution of assets upon a Liquidation (as defined in Section 5) senior to, or otherwise pari passu with, the Preferred Stock, (c) amend its certificate of incorporation or other charter documents in any manner that adversely affects any rights of the Holders, (d) increase the number of authorized shares of Preferred Stock, or (e) enter into any agreement with respect to any of the foregoing.

Section 5. Liquidation. Upon any liquidation, dissolution or winding-up of the Corporation, whether voluntary or involuntary (a "Liquidation"), the Holders shall be entitled to receive out of the assets, whether capital or surplus, of the Corporation an amount equal to the Stated Value, plus any accrued and unpaid dividends thereon and any other fees or liquidated damages then due and owing thereon under this Certificate of Designation, for each share of Preferred Stock before any distribution or payment shall be made to the holders of any Junior Securities, and if the assets of the Corporation shall be insufficient to pay in full such amounts, then the entire assets to be distributed to the Holders shall be ratably distributed among the Holders in accordance with the respective amounts that would be payable on such shares if all amounts payable thereon were paid in full. A Fundamental Transaction shall not be deemed a Liquidation. The Corporation shall mail written notice of any such Liquidation, not less than 45 days prior to the payment date stated therein, to each Holder.

Section 6. Conversion.

a) Conversions at Option of Holder. Each share of Preferred Stock, plus, if elected by the Holder, any accrued and unpaid dividend thereon, shall be convertible, at any time and from time to time from and after the Original Issue Date at the option of the Holder thereof, into that number of shares of Common Stock (subject to the limitations set forth in Section 6(d) and Section 6(e)) determined by dividing the Stated Value of such share of Preferred Stock, plus accrued and unpaid dividends thereon, by the Conversion Price. Holders shall effect conversions by providing the Corporation with the form of conversion notice attached hereto as Annex A (a "Notice of Conversion"). Each Notice of Conversion shall specify the number of shares of Preferred Stock to be converted, the amount of accrued and unpaid dividends thereon elected to be converted by the Holder, the number of shares of Preferred Stock owned prior to the conversion at issue, the number of shares of Preferred Stock owned subsequent to the conversion at issue and the date on which such conversion is to be effected, which date may not be prior to the date the applicable Holder delivers by .pdf via email such Notice of Conversion to the Corporation (such date, the "Conversion Date"). If no Conversion Date is specified in a Notice of Conversion, the Conversion Date shall be the date that such Notice of Conversion to the Corporation is deemed delivered hereunder. No ink-original Notice of Conversion shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any Notice of Conversion form be required. The calculations and entries set forth in the Notice of Conversion shall control in the absence of manifest or mathematical error. To effect conversions of shares of Preferred Stock, a Holder shall not be required to surrender the certificate(s) representing the shares of Preferred Stock to the Corporation unless all of the shares of Preferred Stock represented thereby are so converted, in which case such Holder shall deliver the certificate representing such shares of Preferred Stock promptly following the Conversion Date at issue. Shares of Preferred Stock converted into Common Stock or redeemed in accordance with the terms hereof shall be canceled and shall not be reissued.

b) Conversion Price. The conversion price for the Preferred Stock shall equal \$____¹, subject to adjustment herein (the “Conversion Price”); provided that upon each exercise of an Additional Investment Right pursuant to Section 4.21 of the Purchase Agreement, the Conversion Price shall be adjusted to the lower of (i) the Conversion Price then in effect and (ii) ninety percent (90%) of the arithmetic average of the five (5) lowest intraday trading prices occurring at any time during the ten (10) Trading Days prior to the Holder exercising an Additional Investment Right pursuant to the terms of the Purchase Agreement (the “Adjusted Price”); provided, further that the reduced Adjusted Price shall in no event be less than \$____² (the “Floor Price”) (subject to adjustment for reverse and forward stock splits, recapitalizations and similar transactions following the Original Issue Date and provided that if the Adjusted Price is less than the Floor Price, the Adjusted Price shall equal the Floor Price).

c) Mechanics of Conversion.

i. Delivery of Conversion Shares Upon Conversion. Not later than the earlier of (i) one (1) Trading Day and (ii) the number of Trading Days comprising the Standard Settlement Period (as defined below) after each Conversion Date (the “Share Delivery Date”), the Corporation shall deliver, or cause to be delivered, to the converting Holder (A) the number of Conversion Shares being acquired upon the conversion of the Preferred Stock (including, for the avoidance of doubt, any accrued and unpaid dividends, elected by the Holder to be paid in shares of Common Stock) which, on or after the earlier of (i) the six month anniversary of the Original Issue Date or (ii) the Effective Date (with respect to the shares of Common Stock registered for resale pursuant to a Conversion Shares Registration Statement), shall be free of restrictive legends and trading restrictions (other than those which may then be required by the Purchase Agreement), and (B) a bank check in the amount of accrued and unpaid dividends (if the Holder has elected or is required to pay accrued dividends in cash). On or after the earlier of (i) the six month anniversary of the Original Issue Date or (ii) the Effective Date (with respect to the shares of Common Stock registered for resale pursuant to a Conversion Shares Registration Statement), the Corporation shall deliver the Conversion Shares required to be delivered by the Corporation under this Section 6 electronically through the Depository Trust Company or another established clearing corporation performing similar functions. As used herein, “Standard Settlement Period” means the standard settlement period, expressed in a number of Trading Days, on the Corporation’s primary Trading Market with respect to the Common Stock as in effect on the date of delivery of the Notice of Conversion.

ii. Failure to Deliver Conversion Shares. If, in the case of any Notice of Conversion, such Conversion Shares are not delivered to or as directed by the applicable Holder by the Share Delivery Date, the Holder shall be entitled to elect by written notice to the Corporation at any time on or before its receipt of such Conversion Shares, to rescind such Conversion, in which event the Corporation shall promptly return to the Holder any original Preferred Stock certificate delivered to the Corporation and the Holder shall promptly return to the Corporation the Conversion Shares issued to such Holder pursuant to the rescinded Notice of Conversion.

¹ 90% of the Closing Price on the Closing Date.

² 20% of the Conversion Price.

iii. Obligation Absolute; Partial Liquidated Damages. The Corporation's obligation to issue and deliver the Conversion Shares upon conversion of Preferred Stock in accordance with the terms hereof are absolute and unconditional, irrespective of any action or inaction by a Holder to enforce the same, any waiver or consent with respect to any provision hereof, the recovery of any judgment against any Person or any action to enforce the same, or any setoff, counterclaim, recoupment, limitation or termination, or any breach or alleged breach by such Holder or any other Person of any obligation to the Corporation or any violation or alleged violation of law by such Holder or any other person, and irrespective of any other circumstance which might otherwise limit such obligation of the Corporation to such Holder in connection with the issuance of such Conversion Shares; provided, however, that such delivery shall not operate as a waiver by the Corporation of any such action that the Corporation may have against such Holder. In the event a Holder shall elect to convert any or all of the Stated Value of its Preferred Stock, the Corporation may not refuse conversion based on any claim that such Holder or any one associated or affiliated with such Holder has been engaged in any violation of law, agreement or for any other reason, unless an injunction from a court, on notice to Holder, restraining and/or enjoining conversion of all or part of the Preferred Stock of such Holder shall have been sought and obtained, and the Corporation posts a surety bond for the benefit of such Holder in the amount of 150% of the Stated Value of Preferred Stock which is subject to the injunction, which bond shall remain in effect until the completion of arbitration/litigation of the underlying dispute and the proceeds of which shall be payable to such Holder to the extent it obtains judgment. In the absence of such injunction, the Corporation shall issue Conversion Shares and, if applicable, cash, upon a properly noticed conversion. If the Corporation fails to deliver to a Holder such Conversion Shares pursuant to Section 6(c)(i) by the Share Delivery Date applicable to such conversion, the Corporation shall pay to such Holder, in cash, as liquidated damages and not as a penalty, for each \$5,000 of Stated Value of Preferred Stock being converted, \$50 per Trading Day (increasing to \$100 per Trading Day on the third Trading Day and increasing to \$200 per Trading Day on the sixth Trading Day after the Share Delivery Date) for each Trading Day after the Share Delivery Date until such Conversion Shares are delivered or Holder rescinds such conversion. Nothing herein shall limit a Holder's right to pursue actual damages or declare a Triggering Event pursuant to Section 10 hereof for the Corporation's failure to deliver Conversion Shares within the period specified herein and such Holder shall have the right to pursue all remedies available to it hereunder, at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief. The exercise of any such rights shall not prohibit a Holder from seeking to enforce damages pursuant to any other Section hereof or under applicable law.

iv. Compensation for Buy-In on Failure to Timely Deliver Conversion Shares Upon Conversion. In addition to any other rights available to the Holder, if the Corporation fails for any reason to deliver to a Holder the applicable Conversion Shares by the Share Delivery Date pursuant to Section 6(c)(i), and if after such Share Delivery Date such Holder is required by its brokerage firm to purchase (in an open market transaction or otherwise), or the Holder's brokerage firm otherwise purchases, shares of Common Stock to deliver in satisfaction of a sale by such Holder of the Conversion Shares which such Holder was entitled to receive upon the conversion relating to such Share Delivery Date (a "Buy-In"), then the Corporation shall (A) pay in cash to such Holder (in addition to any other remedies available to or elected by such Holder) the amount, if any, by which (x) such Holder's total purchase price (including any brokerage commissions) for the Common Stock so purchased exceeds (y) the product of (1) the aggregate number of shares of Common Stock that such Holder was entitled to receive from the conversion at issue multiplied by (2) the actual sale price at which the sell order giving rise to such purchase obligation was executed (including any brokerage commissions) and (B) at the option of such Holder, either reissue (if surrendered) the shares of Preferred Stock equal to the number of shares of Preferred Stock submitted for conversion (in which case, such conversion shall be deemed rescinded) or deliver to such Holder the number of shares of Common Stock that would have been issued if the Corporation had timely complied with its delivery requirements under Section 6(c)(i). For example, if a Holder purchases shares of Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to an attempted conversion of shares of Preferred Stock with respect to which the actual sale price of the Conversion Shares (including any brokerage commissions) giving rise to such purchase obligation was a total of \$10,000 under clause (A) of the immediately preceding sentence, the Corporation shall be required to pay such Holder \$1,000. The Holder shall provide the Corporation written notice indicating the amounts payable to such Holder in respect of the Buy-In and, upon request of the Corporation, evidence of the amount of such loss. Nothing herein shall limit a Holder's right to pursue any other remedies available to it hereunder, at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Corporation's failure to timely deliver the Conversion Shares upon conversion of the shares of Preferred Stock as required pursuant to the terms hereof.

v. Reservation of Shares Issuable Upon Conversion. The Corporation covenants that it will at all times reserve and keep available out of its authorized and unissued shares of Common Stock for the sole purpose of issuance upon conversion of the Preferred Stock and payment of dividends on the Preferred Stock, each as herein provided, free from preemptive rights or any other actual contingent purchase rights of Persons other than the Holder (and the other holders of the Preferred Stock), not less than the Required Minimum (as defined in the Purchase Agreement). The Corporation covenants that all shares of Common Stock that shall be so issuable shall, upon issue, be duly authorized, validly issued, fully paid and nonassessable and, if a Conversion Shares Registration Statement is then effective under the Securities Act, shall be registered for public resale to the extent covered by and in accordance with such Conversion Shares Registration Statement.

vi. Fractional Shares. No fractional shares or scrip representing fractional shares shall be issued upon the conversion of the Preferred Stock. As to any fraction of a share which the Holder would otherwise be entitled to purchase upon such conversion, the Corporation shall at its election, either pay a cash adjustment in respect of such final fraction in an amount equal to such fraction multiplied by the Conversion Price or round up to the next whole share. Notwithstanding anything to the contrary contained herein, but consistent with the provisions of this subsection with respect to fractional Conversion Shares, nothing shall prevent any Holder from converting fractional shares of Preferred Stock.

vii. Transfer Taxes and Expenses. The issuance of Conversion Shares on conversion of this Preferred Stock shall be made without charge to any Holder for any documentary stamp or similar taxes that may be payable in respect of the issue or delivery of such Conversion Shares, provided that the Corporation shall not be required to pay any tax that may be payable in respect of any transfer involved in the issuance and delivery of any such Conversion Shares upon conversion in a name other than that of the Holders of such shares of Preferred Stock and the Corporation shall not be required to issue or deliver such Conversion Shares unless or until the Person or Persons requesting the issuance thereof shall have paid to the Corporation the amount of such tax or shall have established to the satisfaction of the Corporation that such tax has been paid. The Corporation shall pay all transfer agent fees required for same-day processing of any Notice of Conversion and all fees to the Depository Trust Company (or another established clearing corporation performing similar functions) required for same-day electronic delivery of the Conversion Shares.

d) Beneficial Ownership Limitation. The Corporation shall not effect any conversion of the Preferred Stock, and a Holder shall not have the right to convert any portion of the Preferred Stock, to the extent that, after giving effect to the conversion set forth on the applicable Notice of Conversion, such Holder (together with such Holder's Affiliates, and any Persons acting as a group together with such Holder or any of such Holder's Affiliates (such Persons, "Attribution Parties")) would beneficially own in excess of the Beneficial Ownership Limitation (as defined below). For purposes of the foregoing sentence, the number of shares of Common Stock beneficially owned by such Holder and its Affiliates and Attribution Parties shall include the number of shares of Common Stock issuable upon conversion of the Preferred Stock with respect to which such determination is being made, but shall exclude the number of shares of Common Stock which are issuable upon (i) conversion of the remaining, unconverted Stated Value of Preferred Stock beneficially owned by such Holder or any of its Affiliates or Attribution Parties and (ii) exercise or conversion of the unexercised or unconverted portion of any other securities of the Corporation subject to a limitation on conversion or exercise analogous to the limitation contained herein (including, without limitation, the Preferred Stock) beneficially owned by such Holder or any of its Affiliates or Attribution Parties. Except as set forth in the preceding sentence, for purposes of this Section 6(d), beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder. To the extent that the limitation contained in this Section 6(d) applies, the determination of whether the Preferred Stock is convertible (in relation to other securities owned by such Holder together with any Affiliates and Attribution Parties) and of how many shares of Preferred Stock are convertible shall be in the sole discretion of such Holder, and the submission of a Notice of Conversion shall be deemed to be such Holder's determination of whether the shares of Preferred Stock may be converted (in relation to other securities owned by such Holder together with any Affiliates and Attribution Parties) and how many shares of the Preferred Stock are convertible, in each case subject to the Beneficial Ownership Limitation. To ensure compliance with this restriction, each Holder will be deemed to represent to the Corporation each time it delivers a Notice of Conversion that such Notice of Conversion has not violated the restrictions set forth in this paragraph and the Corporation shall have no obligation to verify or confirm the accuracy of such determination. In addition, a determination as to any group status as contemplated above shall be determined in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder. For purposes of this Section 6(d), in determining the number of outstanding shares of Common Stock, a Holder may rely on the number of outstanding shares of Common Stock as stated in the most recent of the following: (i) the Corporation's most recent periodic or annual report filed with the Commission, as the case may be, (ii) a more recent public announcement by the Corporation or (iii) a more recent written notice by the Corporation or the transfer agent setting forth the number of shares of Common Stock outstanding. Upon the written or oral request of a Holder, the Corporation shall within one Trading Day confirm orally and in writing to such Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Corporation, including the Preferred Stock, by such Holder or its Affiliates or Attribution Parties since the date as of which such number of outstanding shares of Common Stock was reported. The "Beneficial Ownership Limitation" shall be 9.99% of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock issuable upon conversion of Preferred Stock held by the applicable Holder. A Holder, upon notice to the Corporation, may increase or decrease the Beneficial Ownership Limitation provisions of this Section 6(d) applicable to its Preferred Stock provided that the Beneficial Ownership Limitation in no event exceeds 9.99% of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock upon conversion of this Preferred Stock held by the Holder and the provisions of this Section 6(d) shall continue to apply. Any such increase in the Beneficial Ownership Limitation will not be effective until the 61st day after such notice is delivered to the Corporation and shall only apply to such Holder and no other Holder. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 6(d) to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended Beneficial Ownership Limitation contained herein or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitations contained in this paragraph shall apply to a successor holder of Preferred Stock.

e) Issuance Limitations. Notwithstanding anything herein to the contrary, if the Corporation has not obtained Shareholder Approval, then the Corporation may not issue, upon conversion of the Preferred Stock, a number of shares of Common Stock which, when aggregated with any shares of Common Stock issued on or after the Original Issue Date and prior to such Conversion Date: (i) in connection with any conversion of Preferred Stock issued pursuant to the Purchase Agreement; (ii) in connection with the exercise of any Warrants (as defined in the Purchase Agreement) issued pursuant to the Purchase Agreement; and (iii) in connection with any shares of Common Stock issued and sold pursuant to the ELOC (the “ELOC Shares”), would exceed 19.99% of the number of shares of Common Stock outstanding on the date of the Purchase Agreement (subject to adjustment for forward and reverse stock splits, recapitalizations and the like) (such number of shares, the “Issuable Maximum”). Each Holder shall be entitled to a portion of the Issuable Maximum equal to the quotient obtained by dividing (x) the original Stated Value of such Holder’s Preferred Stock by (y) the aggregate Stated Value of all Preferred Stock issued on the Original Issue Date to all Holders. In addition, each Holder may allocate its pro-rata portion of the Issuable Maximum among Preferred Stock, Warrants and ELOC Shares held by it in its sole discretion. Such portion shall be adjusted upward ratably in the event a Holder no longer holds any Preferred Stock or Warrants and the amount of shares issued to such Holder pursuant to such Holder’s Preferred Stock and Warrants was less than such Holder’s pro-rata share of the Issuable Maximum.

Section 7. Certain Adjustments.

a) Stock Dividends and Stock Splits. If the Corporation, at any time while this Preferred Stock is outstanding: (i) pays a stock dividend or otherwise makes a distribution or distributions payable in shares of Common Stock on shares of Common Stock or any other Common Stock Equivalents (which, for avoidance of doubt, shall not include any shares of Common Stock issued by the Corporation upon conversion of, or payment of a dividend on, this Preferred Stock), (ii) subdivides outstanding shares of Common Stock into a larger number of shares, (iii) combines (including by way of a reverse stock split) outstanding shares of Common Stock into a smaller number of shares, or (iv) issues, in the event of a reclassification of shares of the Common Stock, any shares of capital stock of the Corporation, then the Conversion Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock (excluding any treasury shares of the Corporation) outstanding immediately before such event, and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event. Any adjustment made pursuant to this Section 7(a) shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution and shall become effective immediately after the effective date in the case of a subdivision, combination or re-classification.

b) Subsequent Equity Sales. If, at any time while this Preferred Stock is outstanding, the Corporation or any Subsidiary, as applicable, sells or grants any option to purchase or sells or grants any right to reprice, or otherwise disposes of or issues (or announces any sale, grant or any option to purchase or other disposition), any Common Stock or Common Stock Equivalents entitling any Person to acquire shares of Common Stock at an effective price per share that is lower than the then Conversion Price (such lower price, the “Base Conversion Price” and such issuances, collectively, a “Dilutive Issuance”) (if the holder of the Common Stock or Common Stock Equivalents so issued shall at any time, whether by operation of purchase price adjustments, reset provisions, floating conversion, exercise or exchange prices or otherwise, or due to warrants, options or rights per share which are issued in connection with such issuance, be entitled to receive shares of Common Stock at an effective price per share that is lower than the Conversion Price, such issuance shall be deemed to have occurred for less than the Conversion Price on such date of the Dilutive Issuance), then simultaneously with the consummation (or, if earlier, the announcement) of each Dilutive Issuance the Conversion Price shall be reduced to equal the Base Conversion Price, provided that the resulting Conversion Price shall not be less than the Floor Price. Notwithstanding the foregoing, no adjustment will be made under this Section 7(b) in respect of an Exempt Issuance (as defined in the Purchase Agreement). If the Corporation enters into a Variable Rate Transaction, despite the prohibition set forth in the Purchase Agreement, the Corporation shall be deemed to have issued Common Stock or Common Stock Equivalents at the lowest possible conversion price at which such securities may be converted or exercised. The Corporation shall notify the Holders in writing, no later than the Trading Day following the issuance of any Common Stock or Common Stock Equivalents subject to this Section 7(b), indicating therein the applicable issuance price, or applicable reset price, exchange price, conversion price and other pricing terms (such notice, the “Dilutive Issuance Notice”). For purposes of clarification, whether or not the Corporation provides a Dilutive Issuance Notice pursuant to this Section 7(b), upon the occurrence of any Dilutive Issuance, the Holders are entitled to receive a number of Conversion Shares based upon the Base Conversion Price on or after the date of such Dilutive Issuance, regardless of whether a Holder accurately refers to the Base Conversion Price in the Notice of Conversion.

c) Subsequent Rights Offerings. In addition to any adjustments pursuant to Section 7(a) above, if at any time the Corporation grants, issues or sells any Common Stock Equivalents or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of shares of Common Stock (the “Purchase Rights”), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete conversion of such Holder’s Preferred Stock (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights (provided, however, that, to the extent that the Holder’s right to participate in any such Purchase Right would result in the Holder exceeding the Beneficial Ownership Limitation or the Corporation’s issuance of shares in excess of the Issuable Maximum, then the Holder shall not be entitled to participate in such Purchase Right to such extent (or beneficial ownership of such shares of Common Stock as a result of such Purchase Right to such extent) and such Purchase Right to such extent shall be held in abeyance for the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation or the Corporation’s issuance of shares in excess of the Issuable Maximum).

d) Pro Rata Distributions. During such time as this Preferred Stock is outstanding, if the Corporation declares or makes any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a “Distribution”), at any time after the issuance of this Preferred Stock, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete conversion of this Preferred Stock (without regard to any limitations on conversion hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided, however, to the extent that the Holder’s right to participate in any such Distribution would result in the Holder exceeding the Beneficial Ownership Limitation or the Corporation’s issuance of shares in excess of the Issuable Maximum, then the Holder shall not be entitled to participate in such Distribution to such extent (or in the beneficial ownership of any shares of Common Stock as a result of such Distribution to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation or the Corporation’s issuance of shares in excess of the Issuable Maximum).

e) Fundamental Transaction. If, at any time while this Preferred Stock is outstanding, (i) the Corporation, directly or indirectly, in one or more related transactions effects any merger or consolidation of the Corporation with or into another Person, (ii) the Corporation (and all of its Subsidiaries, taken as a whole), directly or indirectly, effects any sale, lease, license, assignment, transfer, conveyance or other disposition of all or substantially all of its assets in one or a series of related transactions, (iii) any, direct or indirect, purchase offer, tender offer or exchange offer (whether by the Corporation or another Person) is completed pursuant to which holders of Common Stock are permitted to sell, tender or exchange their shares for other securities, cash or property and has been accepted by the holders of 50% or more of the outstanding Common Stock, (iv) the Corporation, directly or indirectly, in one or more related transactions effects any reclassification, reorganization or recapitalization of the Common Stock or any compulsory share exchange pursuant to which the Common Stock is effectively converted into or exchanged for other securities, cash or property, or (v) the Corporation, directly or indirectly, in one or more related transactions consummates a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person whereby such other Person acquires more than 50% of the outstanding shares of Common Stock (each a “Fundamental Transaction”), then, upon any subsequent conversion of this Preferred Stock, the Holder shall have the right to receive, for each Conversion Share that would have been issuable upon such conversion immediately prior to the occurrence of such Fundamental Transaction (without regard to any limitation in Section 6(d) and Section 6(e) on the conversion of this Preferred Stock), the number of shares of Common Stock of the successor or acquiring corporation or of the Corporation, if it is the surviving corporation, and any additional consideration (the “Alternate Consideration”) receivable as a result of such Fundamental Transaction by a holder of the number of shares of Common Stock for which this Preferred Stock is convertible immediately prior to such Fundamental Transaction (without regard to any limitation in Section 6(d) and Section 6(e) on the conversion of this Preferred Stock). For purposes of any such conversion, the determination of the Conversion Price shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one share of Common Stock in such Fundamental Transaction, and the Corporation shall apportion the Conversion Price among the Alternate Consideration in a reasonable manner reflecting the relative value of any different components of the Alternate Consideration. If holders of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Holder shall be given the same choice as to the Alternate Consideration it receives upon any conversion of this Preferred Stock following such Fundamental Transaction. To the extent necessary to effectuate the foregoing provisions, any successor to the Corporation or surviving entity in such Fundamental Transaction shall file a new Certificate of Designation with the same terms and conditions and issue to the Holders new preferred stock consistent with the foregoing provisions and evidencing the Holders’ right to convert such preferred stock into Alternate Consideration. The Corporation shall cause any successor entity in a Fundamental Transaction in which the Corporation is not the survivor (the “Successor Entity”) to assume in writing all of the obligations of the Corporation under this Certificate of Designation and the other Transaction Documents (as defined in the Purchase Agreement) in accordance with the provisions of this Section 7(e) pursuant to written agreements in form and substance reasonably satisfactory to the Holder and approved by the Holder (without unreasonable delay) prior to such Fundamental Transaction and shall, at the option of the holder of this Preferred Stock, deliver to the Holder in exchange for this Preferred Stock a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Preferred Stock which is convertible for a corresponding number of shares of capital stock of such Successor Entity (or its parent entity) equivalent to the shares of Common Stock acquirable and receivable upon conversion of this Preferred Stock (without regard to any limitations on the conversion of this Preferred Stock) prior to such Fundamental Transaction, and with a conversion price which applies the conversion price hereunder to such shares of capital stock (but taking into account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such number of shares of capital stock and such conversion price being for the purpose of protecting the economic value of this Preferred Stock immediately prior to the consummation of such Fundamental Transaction), and which is reasonably satisfactory in form and substance to the Holder. Upon the occurrence of any such Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for (so that from and after the date of such Fundamental Transaction, the provisions of this Certificate of Designation and the other Transaction Documents referring to the “Corporation” shall refer instead to the Successor Entity), and may exercise every right and power of the Corporation and shall assume all of the obligations of the Corporation under this Certificate of Designation and the other Transaction Documents with the same effect as if such Successor Entity had been named as the Corporation herein.

f) Calculations. All calculations under this Section 7 shall be made to the nearest cent or the nearest 1/100th of a share, as the case may be. For purposes of this Section 7, the number of shares of Common Stock deemed to be issued and outstanding as of a given date shall be the sum of the number of shares of Common Stock (excluding any treasury shares of the Corporation) issued and outstanding.

g) Notice to the Holders.

i. Adjustment to Conversion Price. Whenever the Conversion Price is adjusted pursuant to any provision of this Section 7, the Corporation shall promptly deliver to each Holder by email a notice setting forth the Conversion Price after such adjustment and setting forth a brief statement of the facts requiring such adjustment.

ii. Notice to Allow Conversion by Holder. If (A) the Corporation shall declare a dividend (or any other distribution in whatever form) on the Common Stock, (B) the Corporation shall declare a special nonrecurring cash dividend on or a redemption of the Common Stock, (C) the Corporation shall authorize the granting to all holders of the Common Stock of rights or warrants to subscribe for or purchase any shares of capital stock of any class or of any rights, (D) the approval of any stockholders of the Corporation shall be required in connection with any reclassification of the Common Stock, any consolidation or merger to which the Corporation is a party, any sale or transfer of all or substantially all of the assets of the Corporation (and all of its Subsidiaries, taken as a whole), or any compulsory share exchange whereby the Common Stock is converted into other securities, cash or property or (E) the Corporation shall authorize the voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, then, in each case, the Corporation shall cause to be filed at each office or agency maintained for the purpose of conversion of this Preferred Stock, and shall cause to be delivered by email to each Holder at its last email address as it shall appear upon the stock books of the Corporation, at least twenty (20) calendar days prior to the applicable record or effective date hereinafter specified, a notice stating (x) the date on which a record is to be taken for the purpose of such dividend, distribution, redemption, rights or warrants, or if a record is not to be taken, the date as of which the holders of the Common Stock of record to be entitled to such dividend, distributions, redemption, rights or warrants are to be determined or (y) the date on which such reclassification, consolidation, merger, sale, transfer or share exchange is expected to become effective or close, and the date as of which it is expected that holders of the Common Stock of record shall be entitled to exchange their shares of the Common Stock for securities, cash or other property deliverable upon such reclassification, consolidation, merger, sale, transfer or share exchange, provided that the failure to deliver such notice or any defect therein or in the delivery thereof shall not affect the validity of the corporate action required to be specified in such notice. To the extent that any notice provided hereunder constitutes, or contains, material, non-public information regarding the Corporation or any of the Subsidiaries, the Corporation shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K. The Holder shall remain entitled to convert the Conversion Amount of this Preferred Stock (or any part hereof) during the 20-day period commencing on the date of such notice through the effective date of the event triggering such notice except as may otherwise be expressly set forth herein.

Section 8. [RESERVED].

Section 9. Negative Covenants. As long as any shares of Preferred Stock are outstanding, unless the Required Holders shall have otherwise given prior written consent, the Corporation shall not, and shall not permit any of the Subsidiaries to, directly or indirectly:

- a) other than Permitted Indebtedness, enter into, create, incur, assume, guarantee or suffer to exist any Indebtedness;
- b) other than Permitted Liens, enter into, create, incur, assume or suffer to exist any Liens of any kind, on or with respect to any of its property or assets now owned or hereafter acquired or any interest therein or any income or profits therefrom;
- c) amend its charter documents, including, without limitation, its certificate of incorporation and bylaws, in any manner that materially and adversely affects any rights of the Holder;
- d) repay, repurchase or offer to repay, repurchase or otherwise acquire more than a de minimis number of shares of its Common Stock, Common Stock Equivalents or Junior Securities, other than as to (i) the Conversion Shares or Warrant Shares as permitted or required under the Transaction Documents and (ii) repurchases of Common Stock or Common Stock Equivalents of departing officers and directors of the Corporation, provided that such repurchases shall not exceed an aggregate of \$100,000 for all officers and directors for so long as the Preferred Stock is outstanding;
- e) pay cash dividends or distributions on Junior Securities of the Corporation;
- f) enter into any transaction with any Affiliate of the Corporation which would be required to be disclosed in any public filing with the Commission, unless such transaction is made on an arm's-length basis and expressly approved by a majority of the disinterested directors of the Corporation (even if less than a quorum otherwise required for board approval);
- g) enter into any factoring agreement, merchant cash advance agreement, revenue-based financing or similar arrangement whereby the Corporation receives funds from any third party against future product or services sales;

h) enter into any agreement with respect to any of the foregoing.

Section 10. Interest Due Upon Triggering Events.

a) “Triggering Event” means, wherever used herein any of the following events (whatever the reason for such event and whether such event shall be voluntary or involuntary or effected by operation of law or pursuant to any judgment, decree or order of any court, or any order, rule or regulation of any administrative or governmental body):

i. the failure of the initial Conversion Shares Registration Statement to be filed within fifteen (15) days after the Closing Date or to be declared effective by the Commission on or prior to the sixtieth (60)th day after the filing deadline (subject to extension to the extent the Commission is shut down or not reviewing filings), or the Corporation does not meet the current public information requirements under Rule 144 in respect of the Registrable Securities (as defined under the Registration Rights Agreement);

ii. if, during the Effectiveness Period (as defined in the Registration Rights Agreement), the effectiveness of any Conversion Shares Registration Statement lapses for more than an aggregate of 30 calendar days (which need not be consecutive calendar days) during any 12 month period, or the Holders shall not otherwise be permitted to resell the applicable Registrable Securities under a Conversion Shares Registration Statement for more than an aggregate of 30 calendar days (which need not be consecutive calendar days) during any 12 month period;

iii. the Corporation shall fail to deliver Conversion Shares issuable upon a conversion hereunder that comply with the provisions hereof prior to the fifth (5th) Trading Day after such shares are required to be delivered hereunder, or the Corporation shall provide written notice to any Holder, including by way of public announcement, at any time, of its intention not to comply with requests for conversion of any shares of Preferred Stock in accordance with the terms hereof;

iv. one of the Events (as defined in the Registration Rights Agreement) described in subsections (i), (ii) or (iii) of Section 2(d) of the Registration Rights Agreement shall not have been cured to the satisfaction of the Holders prior to the expiration of thirty (30) calendar days from the Event Date (as defined in the Registration Rights Agreement) relating thereto;

v. the Corporation shall fail for any reason to pay in full the amount of cash due pursuant to a Buy-In within five calendar days after notice therefor is delivered hereunder or shall fail to pay all amounts owed on account of any Event (as defined in the Registration Rights Agreement) within five days of the date due and payable;

vi. the Corporation shall fail to have available a sufficient number of authorized and unreserved shares of Common Stock to issue to such Holder upon a conversion hereunder;

vii. unless specifically addressed elsewhere in this Certificate of Designation as a Triggering Event, the Corporation shall fail to observe or perform any other covenant, agreement or warranty contained in, or otherwise commit any breach of the Transaction Documents, and such failure or breach shall not, if subject to the possibility of a cure by the Corporation, have been cured within 30 calendar days after the date on which written notice of such failure or breach shall have been delivered;

viii. the Corporation shall redeem more than a de minimis number of Junior Securities other than as to repurchases of Common Stock or Common Stock Equivalents from departing officers and directors, provided that, while any of the Preferred Stock remains outstanding, such repurchases shall not exceed an aggregate of \$100,000 from all officers and directors;

ix. the Corporation shall be party to a Fundamental Transaction;

x. there shall have occurred a Bankruptcy Event;

xi. the Common Stock shall fail to be listed or quoted for trading on a Trading Market for more than five Trading Days, which need not be consecutive Trading Days;

xii. the electronic transfer by the Corporation of shares of Common Stock through the Depository Trust Company or another established clearing corporation is no longer available or is subject to a “chill”; or

xiii. any monetary judgment, writ or similar final process shall be entered or filed against the Corporation, any subsidiary or any of their respective property or other assets for more than \$250,000, and such judgment, writ or similar final process shall remain unvacated, unbonded or unstayed for a period of 45 calendar days.

b) Upon the occurrence of a Triggering Event (in addition to all other rights the Holders may have hereunder or under applicable law in connection with such Triggering Event) the Dividend Rate on all of the outstanding Preferred Stock shall increase to 18% per annum, accruing daily from the date of such Triggering Event as default interest until such Triggering Event is cured and all then-due and payable amounts under the Preferred Stock are paid in full. In addition, the Holders shall be entitled to exercise any and all other rights and remedies available at law or in equity, including without limitation claims for damages, specific performance and injunctive relief.

Section 11. Miscellaneous.

a) Notices. Any and all notices or other communications or deliveries to be provided by the Holders hereunder including, without limitation, any Notice of Conversion, shall be in writing and delivered personally, by e-mail attachment, or sent by a nationally recognized overnight courier service, addressed to the Corporation, at 2488 Historic Decatur Road, Suite 200, San Diego, California 92106, Attention: _____, e-mail address _____, or such other e-mail address or address as the Corporation may specify for such purposes by notice to the Holders delivered in accordance with this Section 11. Any and all notices or other communications or deliveries to be provided by the Corporation hereunder shall be in writing and delivered personally, by e-mail attachment, or sent by a nationally recognized overnight courier service addressed to each Holder at the e-mail address or address of such Holder appearing on the books of the Corporation, or if no such e-mail address or address appears on the books of the Corporation, at the principal place of business of such Holder, as set forth in the Purchase Agreement. Any notice or other communication or deliveries hereunder shall be deemed given and effective on the earliest of (i) the date of transmission, if such notice or communication is delivered via e-mail attachment at the e-mail address set forth in this Section prior to 5:30 p.m. (New York City time) on any date, (ii) the next Trading Day after the date of transmission, if such notice or communication is delivered via e-mail attachment at the e-mail address set forth in this Section on a day that is not a Trading Day or later than 5:30 p.m. (New York City time) on any Trading Day, (iii) the second Trading Day following the date of mailing, if sent by U.S. nationally recognized overnight courier service, or (iv) upon actual receipt by the party to whom such notice is required to be given.

b) Absolute Obligation. Except as expressly provided herein, no provision of this Certificate of Designation shall alter or impair the obligation of the Corporation, which is absolute and unconditional, to pay liquidated damages, accrued dividends and accrued interest, as applicable, on the shares of Preferred Stock at the time, place, and rate, and in the coin or currency, herein prescribed.

c) Lost or Mutilated Preferred Stock Certificate. If a Holder's Preferred Stock certificate shall be mutilated, lost, stolen or destroyed, the Corporation shall execute and deliver, in exchange and substitution for and upon cancellation of a mutilated certificate, or in lieu of or in substitution for a lost, stolen or destroyed certificate, a new certificate for the shares of Preferred Stock so mutilated, lost, stolen or destroyed, but only upon receipt of evidence of such loss, theft or destruction of such certificate, and of the ownership hereof reasonably satisfactory to the Corporation.

d) Governing Law. All questions concerning the construction, validity, enforcement and interpretation of this Certificate of Designation shall be governed by and construed and enforced in accordance with the internal laws of the State of Delaware, without regard to the principles of conflict of laws thereof. All legal proceedings concerning the interpretation, enforcement and defense of the transactions contemplated by any of the Transaction Documents (whether brought against a party hereto or its respective Affiliates, directors, officers, shareholders, employees or agents) shall be commenced in the state and federal courts sitting in the City of New York, Borough of Manhattan (the "New York Courts"). The Corporation and each Holder hereby irrevocably submits to the exclusive jurisdiction of the New York Courts for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein (including with respect to the enforcement of any of the Transaction Documents), and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of such New York Courts, or such New York Courts are improper or inconvenient venue for such proceeding. The Corporation and each Holder hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to such party at the address in effect for notices to it under this Certificate of Designation and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any other manner permitted by applicable law. The Corporation and each Holder hereby irrevocably waives, to the fullest extent permitted by applicable law, any and all right to trial by jury in any legal proceeding arising out of or relating to this Certificate of Designation or the transactions contemplated hereby. If the Corporation or any Holder shall commence an action or proceeding to enforce any provisions of this Certificate of Designation, then the prevailing party in such action or proceeding shall be reimbursed by the other party for its attorneys' fees and other costs and expenses incurred in the investigation, preparation and prosecution of such action or proceeding.

e) Waiver. Any waiver by the Corporation or a Holder of a breach of any provision of this Certificate of Designation shall not operate as or be construed to be a waiver of any other breach of such provision or of any breach of any other provision of this Certificate of Designation or a waiver by any other Holders. The failure of the Corporation or a Holder to insist upon strict adherence to any term of this Certificate of Designation on one or more occasions shall not be considered a waiver or deprive that party (or any other Holder) of the right thereafter to insist upon strict adherence to that term or any other term of this Certificate of Designation on any other occasion. Any waiver by the Corporation or a Holder must be in writing.

f) Severability. If any provision of this Certificate of Designation is invalid, illegal or unenforceable, the balance of this Certificate of Designation shall remain in effect, and if any provision is inapplicable to any Person or circumstance, it shall nevertheless remain applicable to all other Persons and circumstances. If it shall be found that any interest or other amount deemed interest due hereunder violates the applicable law governing usury, the applicable rate of interest due hereunder shall automatically be lowered to equal the maximum rate of interest permitted under applicable law.

g) Next Business Day. Whenever any payment or other obligation hereunder shall be due on a day other than a Business Day, such payment shall be made on the next succeeding Business Day.

h) Headings. The headings contained herein are for convenience only, do not constitute a part of this Certificate of Designation and shall not be deemed to limit or affect any of the provisions hereof.

i) Status of Converted or Redeemed Preferred Stock. Shares of Preferred Stock may only be issued pursuant to the Purchase Agreement. If any shares of Preferred Stock shall be converted, redeemed or reacquired by the Corporation, such shares shall resume the status of authorized but unissued shares of preferred stock and shall no longer be designated as its Series A Convertible Preferred Stock.

j) Amendments. This Certificate of Designations or any provision thereof may be amended by obtaining the written consent of the majority of the Holders of the Preferred Stock issued and outstanding on such date.

RESOLVED, FURTHER, that the Chairman, the president or any vice-president, and the secretary or any assistant secretary, of the Corporation be and they hereby are authorized and directed to prepare and file this Certificate of Designation of Preferences, Rights and Limitations in accordance with the foregoing resolution and the provisions of Delaware law.

IN WITNESS WHEREOF, the undersigned have executed this Certificate this ___ day of November, 2025.

Name: Gregory Poilasne
Title: Chief Executive Officer

Name: David Robson
Title: Secretary

ANNEX A
NOTICE OF CONVERSION

NEITHER THIS SECURITY NOR THE SECURITIES FOR WHICH THIS SECURITY IS EXERCISABLE HAVE BEEN REGISTERED WITH THE SECURITIES AND EXCHANGE COMMISSION OR THE SECURITIES COMMISSION OF ANY STATE IN RELIANCE UPON AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), AND, ACCORDINGLY, MAY NOT BE OFFERED OR SOLD EXCEPT PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT UNDER THE SECURITIES ACT OR PURSUANT TO AN AVAILABLE EXEMPTION FROM, OR IN A TRANSACTION NOT SUBJECT TO, THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT AND IN ACCORDANCE WITH APPLICABLE STATE SECURITIES LAWS. THIS SECURITY AND THE SECURITIES ISSUABLE UPON EXERCISE OF THIS SECURITY MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN SECURED BY SUCH SECURITIES.

COMMON STOCK PURCHASE WARRANT

NUVVE HOLDING CORP.

Issue Date: _____, 2025

Warrant Shares: _____

Initial Exercise Date: _____, 2025

THIS COMMON STOCK PURCHASE WARRANT (the "Warrant") certifies that, for value received, _____ or its assigns (the "Holder") is entitled, upon the terms and subject to the limitations on exercise and the conditions hereinafter set forth, at any time on or after the date set forth above (the "Initial Exercise Date") and on or prior to 5:00 p.m. (New York City time) on [_____] ¹ (the "Termination Date") but not thereafter, to subscribe for and purchase from Nuvve Holding Corp., a Delaware corporation (the "Company"), up to _____ shares (as subject to adjustment hereunder, the "Warrant Shares") of Common Stock. The purchase price of one share of Common Stock under this Warrant shall be equal to the Exercise Price, as defined in Section 2(b).

Section 1. Definitions. Capitalized terms used and not otherwise defined herein shall have the meanings set forth in that certain Securities Purchase Agreement (the "Purchase Agreement"), dated [____], 2025, among the Company and the purchasers signatory thereto.

Section 2. Exercise.

a) Exercise of Warrant. Exercise of the purchase rights represented by this Warrant may be made, in whole or in part, at any time or times on or after the Initial Exercise Date and on or before the applicable Termination Date by delivery to the Company of a duly executed PDF copy submitted by e-mail (or e-mail attachment) of the Notice of Exercise in the form annexed hereto (the "Notice of Exercise"). Within the earlier of (i) one (1) Trading Day and (ii) the number of Trading Days comprising the Standard Settlement Period (as defined in Section 2(d)(i) herein) following the date of exercise as aforesaid, the Holder shall deliver the aggregate Exercise Price for the shares specified in the applicable Notice of Exercise by wire transfer or cashier's check drawn on a United States bank unless the cashless exercise procedure specified in Section 2(c) below is specified in the applicable Notice of Exercise. No ink-original Notice of Exercise shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any Notice of Exercise be required. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Warrant to the Company until the Holder has purchased all of the Warrant Shares available hereunder and the Warrant has been exercised in full, in which case, the Holder shall surrender this Warrant to the Company for cancellation within three (3) Trading Days of the date on which the final Notice of Exercise is delivered to the Company. Partial exercises of this Warrant resulting in purchases of a portion of the total number of Warrant Shares available hereunder shall have the effect of lowering the outstanding number of Warrant Shares purchasable hereunder in an amount equal to the applicable number of Warrant Shares purchased. The Holder and the Company shall maintain records showing the number of Warrant Shares purchased and the date of such purchases. The Company shall deliver any objection to any Notice of Exercise within one (1) Trading Day of receipt of such notice. **The Holder and any assignee, by acceptance of this Warrant, acknowledge and agree that, by reason of the provisions of this paragraph, following the purchase of a portion of the Warrant Shares hereunder, the number of Warrant Shares available for purchase hereunder at any given time may be less than the amount stated on the face hereof.**

¹ Insert the date that is the five (5) year anniversary of the Issue Date.

b) Exercise Price. The exercise price per share of Common Stock under this Warrant shall be \$[____]², subject to adjustment hereunder (the "Exercise Price").

c) Cashless Exercise. If at the time of exercise hereof there is no effective registration statement registering, or the prospectus contained therein is not available for the resale of the Warrant Shares by the Holder, then this Warrant may also be exercised, in whole or in part, at such time by means of a "cashless exercise" in which the Holder shall be entitled to receive a number of Warrant Shares equal to the quotient obtained by dividing [(A-B) (X)] by (A), where:

(A) = as applicable: (i) the VWAP on the Trading Day immediately preceding the date of the applicable Notice of Exercise if such Notice of Exercise is (1) delivered pursuant to Section 2(a) hereof on a day that is not a Trading Day or (2) delivered pursuant to Section 2(a) hereof on a Trading Day prior to the opening of "regular trading hours" (as defined in Rule 600(b) of Regulation NMS promulgated under the federal securities laws) on such Trading Day, (ii) the highest Bid Price of the Common Stock on the principal Trading Market as reported by Bloomberg L.P. ("Bloomberg") within two (2) hours of the time of the Holder's delivery of the Notice of Exercise pursuant to Section 2(a) hereof if such Notice of Exercise is delivered during "regular trading hours," or with two (2) hours after the close of "regular trading hours," on a Trading Day or (iii) the VWAP on the date of the applicable Notice of Exercise if the date of such Notice of Exercise is a Trading Day and such Notice of Exercise is delivered pursuant to Section 2(a) hereof after two (2) hours following the close of "regular trading hours" on such Trading Day;

(B) = the Exercise Price of this Warrant, as adjusted hereunder; and

(X) = the number of Warrant Shares that would be issuable upon exercise of this Warrant in accordance with the terms of this Warrant if such exercise were by means of a cash exercise rather than a cashless exercise.

² 135% of the market price on the Closing Date (as defined in the Purchase Agreement).

If Warrant Shares are issued in such a cashless exercise, the parties acknowledge and agree that in accordance with Section 3(a)(9) of the Securities Act, the holding period of the Warrant Shares being issued may be tacked on to the holding period of this Warrant. The Company agrees not to take any position contrary to this Section 2(c).

“Bid Price” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on a Trading Market, the bid price of the Common Stock for the time in question (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)), (b) if OTCQB or OTCQX is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is not then listed or quoted for trading on OTCQB or OTCQX and if prices for the Common Stock are then reported on The Pink Open Market (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of the Common Stock so reported, or (d) in all other cases, the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by the Purchasers of a majority in interest of the Securities then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

“VWAP” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on a Trading Market, the daily volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)), (b) if the OTCQB Venture Market (“OTCQB”) or the OTCQX Best Market (“OTCQX”) is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is not then listed or quoted for trading on OTCQB or OTCQX and if prices for the Common Stock are then reported on the Pink Open Market (“Pink Market”) operated by the OTC Markets, Inc. (or a similar organization or agency succeeding to its functions of reporting prices), the most recent Bid Price per share of the Common Stock so reported, or (d) in all other cases, the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by the Purchasers of a majority in interest of the Securities then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

Notwithstanding anything herein to the contrary, on the applicable Termination Date, this Warrant shall be automatically exercised via cashless exercise pursuant to this Section 2(c).

d) Mechanics of Exercise.

i. Delivery of Warrant Shares Upon Exercise. The Company shall cause the Warrant Shares purchased hereunder to be transmitted by the Transfer Agent to the Holder by crediting the account of the Holder's or its designee's balance account with The Depository Trust Company through its Deposit or Withdrawal at Custodian system ("DWAC") if the Company is then a participant in such system and either (A) there is an effective registration statement permitting the issuance of the Warrant Shares to or resale of the Warrant Shares by Holder or (B) the Warrant Shares are eligible for resale by the Holder without volume or manner-of-sale limitations pursuant to Rule 144 (assuming cashless exercise of the Warrants), and otherwise by physical delivery of a certificate, registered in the Company's share register in the name of the Holder or its designee, for the number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the address specified by the Holder in the Notice of Exercise by the date that is the earlier of (i) one (1) Trading Day after the delivery to the Company of the Notice of Exercise and (ii) the number of Trading Days comprising the Standard Settlement Period after the delivery to the Company of the Notice of Exercise (such date, the "Warrant Share Delivery Date"); provided, however, that the aggregate Exercise Price has been delivered to the Company by the Warrant Share Delivery Date. Upon delivery of the Notice of Exercise, the Holder shall be deemed for all corporate purposes to have become the holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date of delivery of the Warrant Shares, provided that payment of the aggregate Exercise Price (other than in the case of a cashless exercise) is received within the earlier of (i) one (1) Trading Day and (ii) the number of Trading Days comprising the Standard Settlement Period following delivery of the Notice of Exercise. If the Holder duly exercises the Warrant pursuant to Section 2(a) hereof and the Company fails for any reason to deliver to the Holder the Warrant Shares subject to a Notice of Exercise by the Warrant Share Delivery Date, the Company shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of Warrant Shares subject to such exercise (based on the VWAP of the Common Stock on the date of the applicable Notice of Exercise), \$10 per Trading Day (increasing to \$20 per Trading Day on the third Trading Day after the Warrant Share Delivery Date) for each Trading Day after such Warrant Share Delivery Date until such Warrant Shares are delivered or Holder rescinds such exercise. The Company agrees to maintain a transfer agent that is a participant in the FAST program so long as this Warrant remains outstanding and exercisable. As used herein, "Standard Settlement Period" means the standard settlement period, expressed in a number of Trading Days, on the Company's primary Trading Market with respect to the Common Stock as in effect on the date of delivery of the Notice of Exercise.

ii. Delivery of New Warrants Upon Exercise. If this Warrant shall have been exercised in part, the Company shall, at the request of a Holder and upon surrender of this Warrant certificate, at the time of delivery of the Warrant Shares, deliver to the Holder a new Warrant evidencing the rights of the Holder to purchase the unpurchased Warrant Shares called for by this Warrant, which new Warrant shall in all other respects be identical with this Warrant.

iii. Rescission Rights. If the Company fails to cause the Transfer Agent to transmit to the Holder the Warrant Shares pursuant to Section 2(d)(i) by the Warrant Share Delivery Date, then the Holder will have the right to rescind such exercise.

iv. Compensation for Buy-In on Failure to Timely Deliver Warrant Shares Upon Exercise. In addition to any other rights available to the Holder, if the Company fails to cause the Transfer Agent to transmit to the Holder the Warrant Shares in accordance with the provisions of Section 2(d)(i) above pursuant to an exercise on or before the Warrant Share Delivery Date, and if after such date the Holder is required by its broker to purchase (in an open market transaction or otherwise) or the Holder's brokerage firm otherwise purchases, shares of Common Stock to deliver in satisfaction of a sale by the Holder of the Warrant Shares which the Holder anticipated receiving upon such exercise (a "Buy-In"), then the Company shall (A) pay in cash to the Holder the amount, if any, by which (x) the Holder's total purchase price (including brokerage commissions, if any) for the shares of Common Stock so purchased exceeds (y) the amount obtained by multiplying (1) the number of Warrant Shares that the Company was required to deliver to the Holder in connection with the exercise at issue times (2) the price at which the sell order giving rise to such purchase obligation was executed, and (B) at the option of the Holder, either reinstate the portion of the Warrant and equivalent number of Warrant Shares for which such exercise was not honored (in which case such exercise shall be deemed rescinded) or deliver to the Holder the number of shares of Common Stock that would have been issued had the Company timely complied with its exercise and delivery obligations hereunder. For example, if the Holder purchases Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to an attempted exercise of shares of Common Stock with an aggregate sale price giving rise to such purchase obligation of \$10,000, under clause (A) of the immediately preceding sentence the Company shall be required to pay the Holder \$1,000. The Holder shall provide the Company written notice indicating the amounts payable to the Holder in respect of the Buy-In and, upon request of the Company, evidence of the amount of such loss. Nothing herein shall limit a Holder's right to pursue any other remedies available to it hereunder, at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company's failure to timely deliver shares of Common Stock upon exercise of the Warrant as required pursuant to the terms hereof.

v. No Fractional Shares or Scrip. No fractional shares or scrip representing fractional shares shall be issued upon the exercise of this Warrant. As to any fraction of a share which the Holder would otherwise be entitled to purchase upon such exercise, the Company shall, at its election, either pay a cash adjustment in respect of such final fraction in an amount equal to such fraction multiplied by the Exercise Price or round up to the next whole share.

vi. Charges, Taxes and Expenses. Issuance of Warrant Shares shall be made without charge to the Holder for any issue or transfer tax or other incidental expense in respect of the issuance of such Warrant Shares, all of which taxes and expenses shall be paid by the Company, and such Warrant Shares shall be issued in the name of the Holder or in such name or names as may be directed by the Holder; provided, however, that, in the event that Warrant Shares are to be issued in a name other than the name of the Holder, this Warrant when surrendered for exercise shall be accompanied by the Assignment Form attached hereto duly executed by the Holder and the Company may require, as a condition thereto, the payment of a sum sufficient to reimburse it for any transfer tax incidental thereto. The Company shall pay all Transfer Agent fees required for same-day processing of any Notice of Exercise and all fees to the Depository Trust Company (or another established clearing corporation performing similar functions) required for same-day electronic delivery of the Warrant Shares.

vii. Closing of Books. The Company will not close its stockholder books or records in any manner which prevents the timely exercise of this Warrant, pursuant to the terms hereof.

e) Holder's Exercise Limitations. The Company shall not effect any exercise of this Warrant, and a Holder shall not have the right to exercise any portion of this Warrant, pursuant to Section 2 or otherwise, to the extent that after giving effect to such issuance after exercise as set forth on the applicable Notice of Exercise, the Holder (together with the Holder's Affiliates, and any other Persons acting as a group together with the Holder or any of the Holder's Affiliates (such Persons, "Attribution Parties")), would beneficially own in excess of the Beneficial Ownership Limitation (as defined below). For purposes of the foregoing sentence, the number of shares of Common Stock beneficially owned by the Holder and its Affiliates and Attribution Parties shall include the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which such determination is being made, but shall exclude the number of shares of Common Stock which would be issuable upon (i) exercise of the remaining, nonexercised portion of this Warrant beneficially owned by the Holder or any of its Affiliates or Attribution Parties and (ii) exercise or conversion of the unexercised or nonconverted portion of any other securities of the Company (including, without limitation, any other Common Stock Equivalents) subject to a limitation on conversion or exercise analogous to the limitation contained herein beneficially owned by the Holder or any of its Affiliates or Attribution Parties. Except as set forth in the preceding sentence, for purposes of this Section 2(e), beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder, it being acknowledged by the Holder that the Company is not representing to the Holder that such calculation is in compliance with Section 13(d) of the Exchange Act and the Holder is solely responsible for any schedules required to be filed in accordance therewith. To the extent that the limitation contained in this Section 2(e) applies, the determination of whether this Warrant is exercisable (in relation to other securities owned by the Holder together with any Affiliates and Attribution Parties) and of which portion of this Warrant is exercisable shall be in the sole discretion of the Holder, and the submission of a Notice of Exercise shall be deemed to be the Holder's determination of whether this Warrant is exercisable (in relation to other securities owned by the Holder together with any Affiliates and Attribution Parties) and of which portion of this Warrant is exercisable, in each case subject to the Beneficial Ownership Limitation, and the Company shall have no obligation to verify or confirm the accuracy of such determination. In addition, a determination as to any group status as contemplated above shall be determined in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder. For purposes of this Section 2(e), in determining the number of outstanding shares of Common Stock, a Holder may rely on the number of outstanding shares of Common Stock as reflected in (A) the Company's most recent periodic or annual report filed with the Commission, as the case may be, (B) a more recent public announcement by the Company or (C) a more recent written notice by the Company or the Transfer Agent setting forth the number of shares of Common Stock outstanding. Upon the written or oral request of a Holder, the Company shall within one Trading Day confirm orally and in writing to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Warrant, by the Holder or its Affiliates or Attribution Parties since the date as of which such number of outstanding shares of Common Stock was reported. The "Beneficial Ownership Limitation" shall be [4.99%] [9.99%] of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock issuable upon exercise of this Warrant. The Holder, upon notice to the Company, may increase or decrease the Beneficial Ownership Limitation provisions of this Section 2(e), provided that the Beneficial Ownership Limitation in no event exceeds 9.99% of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock upon exercise of this Warrant held by the Holder and the provisions of this Section 2(e) shall continue to apply. Any increase in the Beneficial Ownership Limitation will not be effective until the 61st day after such notice is delivered to the Company. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 2(e) to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended Beneficial Ownership Limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitations contained in this paragraph shall apply to a successor holder of this Warrant.

f) Issuance Limitations. Notwithstanding anything herein to the contrary, if the Company has not obtained Shareholder Approval, then the Company may not issue, upon exercise of this Warrant, in whole or in part, a number of shares of Common Stock which, when aggregated with any shares of Common Stock issued on or after the Issue Date and prior to the exercise of this Warrant, in whole or in part, (i) in connection with any conversion of Preferred Stock issued pursuant to the Purchase Agreement; (ii) in connection with the exercise of any Warrants issued pursuant to the Purchase Agreement and (iii) in connection with any shares of Common Stock issued and sold pursuant to that certain equity line of credit purchase agreement, dated [] 2025, by and between the Company and Five Narrow Lane, L.P., as amended, supplemented or otherwise modified from time to time (the “ELOC Shares”), would exceed 19.99% of the number of shares of Common Stock outstanding on the date of the Purchase Agreement (subject to adjustment for forward and reverse stock splits, recapitalizations and the like) (such number of shares, the “Issuable Maximum”). Holder shall be entitled to a portion of the Issuable Maximum equal to the quotient obtained by dividing (x) the original Stated Value of Holder’s Preferred Stock by (y) the aggregate Stated Value of all Preferred Stock issued on the Issue Date (as defined in the Certificate of Designation of Preferences, Rights and Limitations of Preferred Stock of the Company) to all holders of Preferred Stock. Each Holder shall be entitled to a portion of the Issuable Maximum equal to the quotient obtained by dividing (x) the original Stated Value of such Holder’s Preferred Stock by (y) the aggregate Stated Value of all Preferred Stock issued on the Original Issue Date to all Holders. In addition, each Holder may allocate its pro-rata portion of the Issuable Maximum among Preferred Stock, Warrants and ELOC Shares held by it in its sole discretion. Such portion shall be adjusted upward ratably in the event a Holder no longer holds any Preferred Stock or Warrants and the amount of shares issued to such Holder pursuant to such Holder’s Preferred Stock and Warrants was less than such Holder’s pro-rata share of the Issuable Maximum.

Section 3. Certain Adjustments.

a) Stock Dividends and Splits. If the Company, at any time while this Warrant is outstanding: (i) pays a stock dividend or otherwise makes a distribution or distributions on shares of its Common Stock or any other equity or equity equivalent securities payable in shares of Common Stock (which, for avoidance of doubt, shall not include any shares of Common Stock issued by the Company upon exercise of this Warrant), (ii) subdivides outstanding shares of Common Stock into a larger number of shares, (iii) combines (including by way of reverse stock split) outstanding shares of Common Stock into a smaller number of shares, or (iv) issues by reclassification of shares of the Common Stock any shares of capital stock of the Company, then in each case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock (excluding treasury shares, if any) outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event, and the number of shares issuable upon exercise of this Warrant shall be proportionately adjusted such that the aggregate Exercise Price of this Warrant shall remain unchanged. Any adjustment made pursuant to this Section 3(a) shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution and shall become effective immediately after the effective date in the case of a subdivision, combination or reclassification.

b) Subsequent Equity Sales. If the Company or any Subsidiary thereof, as applicable, at any time while this Warrant is outstanding, shall sell, enter into an agreement to sell, or grant any option to purchase, or sell or grant any right to reprice, or otherwise dispose of or issue (or announce any offer, sale, grant or any option to purchase or other disposition) any Common Stock or Common Stock Equivalents, at an effective price per share less than the Exercise Price then in effect (such lower price, the “Base Share Price” and such issuances collectively, a “Dilutive Issuance”) (it being understood and agreed that if the holder of the Common Stock or Common Stock Equivalents so issued shall at any time, whether by operation of purchase price adjustments, reset provisions, floating conversion, exercise or exchange prices or otherwise, or due to warrants, options or rights per share which are issued in connection with such issuance, be entitled to receive shares of Common Stock at an effective price per share that is less than the Exercise Price, such issuance shall be deemed to have occurred for less than the Exercise Price on such date of the Dilutive Issuance at such effective price), then simultaneously with the consummation (or, if earlier, the announcement) of each Dilutive Issuance the Exercise Price shall be reduced and only reduced to equal the Base Share Price and the number of Warrant Shares issuable hereunder shall be increased such that the aggregate Exercise Price payable hereunder, after taking into account the decrease in the Exercise Price, shall be equal to the aggregate Exercise Price prior to such adjustment, provided, however that in no event shall the Exercise Price be reduced to an amount less than \$[•] (subject to adjustment for reverse and forward stock splits, recapitalizations and similar transactions following the date of the Purchase Agreement) (the “Floor Price”). Notwithstanding the foregoing, no adjustments shall be made, paid or issued under this Section 3(b) in respect of an Exempt Issuance. The Company shall notify the Holder, in writing, no later than the Trading Day following the issuance or deemed issuance of any Common Stock or Common Stock Equivalents subject to this Section 3(b), indicating therein the applicable issuance price, or applicable reset price, exchange price, conversion price and other pricing terms (such notice, the “Dilutive Issuance Notice”). For purposes of clarification, whether or not the Company provides a Dilutive Issuance Notice pursuant to this Section 3(b), upon the occurrence of any Dilutive Issuance, the Holder is entitled to receive a number of Warrant Shares based upon the Base Share Price regardless of whether the Holder accurately refers to the Base Share Price in the Notice of Exercise. If the Company enters into a Variable Rate Transaction, the Company shall be deemed to have issued Common Stock or Common Stock Equivalents at the lowest possible price, conversion price or exercise price at which such securities may be issued, converted or exercised.

c) Subsequent Rights Offerings. In addition to any adjustments pursuant to Section 3(a) above, if at any time the Company grants, issues or sells any Common Stock Equivalents or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of shares of Common Stock (the "Purchase Rights"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights (provided, however, that, to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder exceeding the Beneficial Ownership Limitation or the Company's issuance of shares in excess of the Issuable Maximum, then the Holder shall not be entitled to participate in such Purchase Right to such extent (or beneficial ownership of such shares of Common Stock as a result of such Purchase Right to such extent) and such Purchase Right to such extent shall be held in abeyance for the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation or the Company's issuance of shares in excess of the Issuable Maximum).

d) Pro Rata Distributions. During such time as this Warrant is outstanding, if the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a "Distribution"), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided, however, that, to the extent that the Holder's right to participate in any such Distribution would result in the Holder exceeding the Beneficial Ownership Limitation or the Company's issuance of shares in excess of the Issuable Maximum, then the Holder shall not be entitled to participate in such Distribution to such extent (or in the beneficial ownership of any shares of Common Stock as a result of such Distribution to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation or the Company's issuance of shares in excess of the Issuable Maximum). To the extent that this Warrant has not been partially or completely exercised at the time of such Distribution, such portion of the Distribution shall be held in abeyance for the benefit of the Holder until the Holder has exercised this Warrant.

e) Fundamental Transaction. If, at any time while this Warrant is outstanding, (i) the Company, directly or indirectly, in one or more related transactions effects any merger or consolidation of the Company with or into another Person, (ii) the Company or any Subsidiary, directly or indirectly, effects any sale, lease, license, assignment, transfer, conveyance or other disposition of all or substantially all of its assets in one or a series of related transactions, (iii) any, direct or indirect, purchase offer, tender offer or exchange offer (whether by the Company or another Person) is completed pursuant to which holders of Common Stock are permitted to sell, tender or exchange their shares for other securities, cash or property and has been accepted by the holders of greater than 50% of the outstanding Common Stock or greater than 50% of the voting power of the common equity of the Company, (iv) the Company, directly or indirectly, in one or more related transactions effects any reclassification, reorganization or recapitalization of the Common Stock or any compulsory share exchange pursuant to which the Common Stock is effectively converted into or exchanged for other securities, cash or property, or (v) the Company, directly or indirectly, in one or more related transactions consummates a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off, merger or scheme of arrangement) with another Person or group of Persons whereby such other Person or group acquires greater than 50% of the outstanding shares of Common Stock or greater than 50% of the voting power of the common equity of the Company (each a “Fundamental Transaction”), then, upon any subsequent exercise of this Warrant, the Holder shall have the right to receive, for each Warrant Share that would have been issuable upon such exercise immediately prior to the occurrence of such Fundamental Transaction, at the option of the Holder (without regard to any limitation in Section 2(e) on the exercise of this Warrant), the number of shares of Common Stock of the successor or acquiring corporation or of the Company, if it is the surviving corporation, and any additional consideration (the “Alternate Consideration”) receivable as a result of such Fundamental Transaction by a holder of the number of shares of Common Stock for which this Warrant is exercisable immediately prior to such Fundamental Transaction (without regard to any limitation in Section 2(e) on the exercise of this Warrant). For purposes of any such exercise, the determination of the Exercise Price shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one share of Common Stock in such Fundamental Transaction, and the Company shall apportion the Exercise Price among the Alternate Consideration in a reasonable manner reflecting the relative value of any different components of the Alternate Consideration. If holders of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Holder shall be given the same choice as to the Alternate Consideration it receives upon any exercise of this Warrant following such Fundamental Transaction. Notwithstanding anything to the contrary, in the event of a Fundamental Transaction, the Company or any Successor Entity (as defined below) shall, at the Holder’s option, exercisable at any time concurrently with, or within 30 days after, the consummation of the Fundamental Transaction (or, if later, the date of the public announcement of the applicable Fundamental Transaction), purchase this Warrant from the Holder by paying to the Holder an amount of cash equal to the Black Scholes Value (as defined below) of the remaining unexercised portion of this Warrant on the date of the consummation of such Fundamental Transaction; provided, however, that, if the Fundamental Transaction is not within the Company's control, including not approved by the Company's Board of Directors, the Holder shall only be entitled to receive from the Company or any Successor Entity the same type or form of consideration (and in the same proportion), at the Black Scholes Value of the unexercised portion of this Warrant, that is being offered and paid to the holders of Common Stock of the Company in connection with the Fundamental Transaction, whether that consideration be in the form of cash, stock or any combination thereof, or whether the holders of Common Stock are given the choice to receive from among alternative forms of consideration in connection with the Fundamental Transaction; provided, further, that if holders of Common Stock of the Company are not offered or paid any consideration in such Fundamental Transaction, such holders of Common Stock will be deemed to have received common stock of the Successor Entity (which Successor Entity may be the Company following such Fundamental Transaction) in such Fundamental Transaction. “Black Scholes Value” means the value of this Warrant based on the Black-Scholes Option Pricing Model obtained from the “OV” function on Bloomberg determined as of the day of consummation of the applicable Fundamental Transaction for pricing purposes and reflecting (A) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the time between the date of the public announcement of the applicable contemplated Fundamental Transaction and the applicable Termination Date, (B) an expected volatility equal to the 100 day volatility as obtained from the HVT function on Bloomberg (determined utilizing a 365 day annualization factor) as of the Trading Day immediately following the public announcement of the applicable contemplated Fundamental Transaction, (C) the underlying price per share used in such calculation shall be the sum of the price per share being offered in cash, if any, plus the value of any non-cash consideration, if any, being offered in such Fundamental Transaction, (D) a remaining option time equal to the time between the date of the public announcement of the applicable contemplated Fundamental Transaction and the applicable Termination Date and (E) a zero cost of borrow. The payment of the Black Scholes Value will be made by wire transfer of immediately available funds (or such other consideration) within the later of (i) five Business Days of the Holder’s election and (ii) the date of consummation of the Fundamental Transaction. The Company shall cause any successor entity in a Fundamental Transaction in which the Company is not the survivor (the “Successor Entity”) to assume in writing all of the obligations of the Company under this Warrant and the other Transaction Documents in accordance with the provisions of this Section 3(e) pursuant to written agreements in form and substance reasonably satisfactory to the Holder and approved by the Holder (without unreasonable delay) prior to such Fundamental Transaction and shall, at the option of the Holder, deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant which is exercisable for a corresponding number of shares of capital stock of such Successor Entity (or its parent entity) equivalent to the shares of Common Stock acquirable and receivable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (but taking into account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction), and which is reasonably satisfactory in form and substance to the Holder. Upon the occurrence of any such Fundamental Transaction, the Successor Entity shall be added to the term “Company” under this Warrant (so that from and after the occurrence or consummation of such Fundamental Transaction, each and every provision of this Warrant and the other Transaction Documents referring to the “Company” shall refer instead to each of the Company and the Successor Entity or Successor Entities, jointly and severally), and the Successor Entity or Successor Entities, jointly and severally with the Company, may exercise every right and power of the Company prior thereto and the Successor Entity or Successor Entities shall assume all of the obligations of the Company prior thereto under this Warrant and the other Transaction Documents with the same effect as if the Company and such Successor Entity or Successor Entities, jointly and severally, had been named as the Company herein. For the avoidance of doubt, the Holder shall be entitled to the benefits of the provisions of this Section 3(e) regardless of (i) whether the Company has sufficient authorized shares of Common Stock for the issuance of Warrant Shares and/or (ii) whether a Fundamental Transaction occurs prior to the Initial Exercise Date.

f) Calculations. All calculations under this Section 3 shall be made to the nearest cent or the nearest 1/100th of a share, as the case may be. For purposes of this Section 3, the number of shares of Common Stock deemed to be issued and outstanding as of a given date shall be the sum of the number of shares of Common Stock (excluding treasury shares, if any) issued and outstanding.

g) Notice to Holder.

i. Adjustment to Exercise Price. Whenever the Exercise Price is adjusted pursuant to any provision of this Section 3, the Company shall promptly deliver to the Holder by email a notice setting forth the Exercise Price after such adjustment and any resulting adjustment to the number of Warrant Shares and setting forth a brief statement of the facts requiring such adjustment.

ii. Notice to Allow Exercise by Holder. If (A) the Company shall declare a dividend (or any other distribution in whatever form) on the Common Stock, (B) the Company shall declare a special nonrecurring cash dividend on or a redemption of the Common Stock, (C) the Company shall authorize the granting to all holders of the Common Stock rights or warrants to subscribe for or purchase any shares of capital stock of any class or of any rights, (D) the approval of any stockholders of the Company shall be required in connection with any reclassification of the Common Stock, any consolidation or merger to which the Company (or any of its Subsidiaries) is a party, any sale or transfer of all or substantially all of its assets, or any compulsory share exchange whereby the Common Stock is converted into other securities, cash or property, or (E) the Company shall authorize the voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Company, then, in each case, the Company shall cause to be delivered by email to the Holder at its last email address as it shall appear upon the Warrant Register of the Company, at least 20 calendar days prior to the applicable record or effective date hereinafter specified, a notice stating (x) the date on which a record is to be taken for the purpose of such dividend, distribution, redemption, rights or warrants, or if a record is not to be taken, the date as of which the holders of the Common Stock of record to be entitled to such dividend, distributions, redemption, rights or warrants are to be determined or (y) the date on which such reclassification, consolidation, merger, sale, transfer or share exchange is expected to become effective or close, and the date as of which it is expected that holders of the Common Stock of record shall be entitled to exchange their shares of the Common Stock for securities, cash or other property deliverable upon such reclassification, consolidation, merger, sale, transfer or share exchange; provided that the failure to deliver such notice or any defect therein or in the delivery thereof shall not affect the validity of the corporate action required to be specified in such notice. To the extent that any notice provided in this Warrant constitutes, or contains, material, non-public information regarding the Company or any of the Subsidiaries, the Company shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K. The Holder shall remain entitled to exercise this Warrant during the period commencing on the date of such notice to the effective date of the event triggering such notice except as may otherwise be expressly set forth herein.

Section 4. Transfer of Warrant.

a) Transferability. Subject to compliance with any applicable securities laws and the conditions set forth in Section 4(d) hereof and to the provisions of Section 4.1 of the Purchase Agreement, this Warrant and all rights hereunder (including, without limitation, any registration rights) are transferable, in whole or in part, upon surrender of this Warrant at the principal office of the Company or its designated agent, together with a written assignment of this Warrant substantially in the form attached hereto duly executed by the Holder or its agent or attorney and funds sufficient to pay any transfer taxes payable upon the making of such transfer. Upon such surrender and, if required, such payment, the Company shall execute and deliver a new Warrant or Warrants in the name of the assignee or assignees, as applicable, and in the denomination or denominations specified in such instrument of assignment, and shall issue to the assignor a new Warrant evidencing the portion of this Warrant not so assigned, and this Warrant shall promptly be cancelled. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Warrant to the Company unless the Holder has assigned this Warrant in full, in which case, the Holder shall surrender this Warrant to the Company within three (3) Trading Days of the date on which the Holder delivers an assignment form to the Company assigning this Warrant in full. The Warrant, if properly assigned in accordance herewith, may be exercised by a new holder for the purchase of Warrant Shares without having a new Warrant issued.

b) New Warrants. This Warrant may be divided or combined with other Warrants upon presentation hereof at the aforesaid office of the Company, together with a written notice specifying the names and denominations in which new Warrants are to be issued, signed by the Holder or its agent or attorney. Subject to compliance with Section 4(a), as to any transfer which may be involved in such division or combination, the Company shall execute and deliver a new Warrant or Warrants in exchange for the Warrant or Warrants to be divided or combined in accordance with such notice. All Warrants issued on transfers or exchanges shall be dated the initial issuance date of this Warrant and shall be identical with this Warrant except as to the number of Warrant Shares issuable pursuant thereto.

c) Warrant Register. The Company shall register this Warrant, upon records to be maintained by the Company for that purpose (the “Warrant Register”), in the name of the record Holder hereof from time to time. The Company may deem and treat the registered Holder of this Warrant as the absolute owner hereof for the purpose of any exercise hereof or any distribution to the Holder, and for all other purposes, absent actual notice to the contrary.

d) Transfer Restrictions. If, at the time of the surrender of this Warrant in connection with any transfer of this Warrant, the transfer of this Warrant shall not be either (i) registered pursuant to an effective registration statement under the Securities Act and under applicable state securities or blue sky laws or (ii) eligible for resale without volume or manner-of-sale restrictions or current public information requirements pursuant to Rule 144, the Company may require, as a condition of allowing such transfer, that the Holder or transferee of this Warrant, as the case may be, comply with the provisions of Section 5.7 of the Purchase Agreement.

e) Representation by the Holder. The Holder, by the acceptance hereof, represents and warrants that it is acquiring this Warrant and, upon any exercise hereof, will acquire the Warrant Shares issuable upon such exercise, for its own account and not with a view to or for distributing or reselling such Warrant Shares or any part thereof in violation of the Securities Act or any applicable state securities law, except pursuant to sales registered or exempted under the Securities Act.

Section 5. Miscellaneous

a) No Rights as Stockholder Until Exercise; No Settlement in Cash. This Warrant does not entitle the Holder to any voting rights, dividends or other rights as a stockholder of the Company prior to the exercise hereof as set forth in Section 2(d)(i), except as expressly set forth in Section 3. Without limiting any rights of a Holder to receive Warrant Shares on a “cashless exercise” pursuant to Section 2(c) or to receive cash payments pursuant to Section 2(d)(i) and Section 2(d)(iv) herein, in no event shall the Company be required to net cash settle an exercise of this Warrant.

b) Loss, Theft, Destruction or Mutilation of Warrant. The Company covenants that upon receipt by the Company of evidence reasonably satisfactory to it of the loss, theft, destruction or mutilation of this Warrant or any stock certificate relating to the Warrant Shares, and in case of loss, theft or destruction, of indemnity or security reasonably satisfactory to it (which, in the case of the Warrant, shall not include the posting of any bond), and upon surrender and cancellation of such Warrant or stock certificate, if mutilated, the Company will make and deliver a new Warrant or stock certificate of like tenor and dated as of such cancellation, in lieu of such Warrant or stock certificate.

c) Saturdays, Sundays, Holidays, etc. If the last or appointed day for the taking of any action or the expiration of any right required or granted herein shall not be a Business Day, then such action may be taken or such right may be exercised on the next succeeding Business Day.

d) Authorized Shares.

The Company covenants that, during the period the Warrant is outstanding, it will reserve from its authorized and unissued Common Stock a sufficient number of shares to provide for the issuance of the Warrant Shares upon the exercise of any purchase rights under this Warrant. The Company further covenants that its issuance of this Warrant shall constitute full authority to its officers who are charged with the duty of issuing the necessary Warrant Shares upon the exercise of the purchase rights under this Warrant. The Company will take all such reasonable action as may be necessary to assure that such Warrant Shares may be issued as provided herein without violation of any applicable law or regulation, or of any requirements of the Trading Market upon which the Common Stock may be listed. The Company covenants that all Warrant Shares which may be issued upon the exercise of the purchase rights represented by this Warrant will, upon exercise of the purchase rights represented by this Warrant and payment for such Warrant Shares in accordance herewith, be duly authorized, validly issued, fully paid and nonassessable and free from all taxes, liens and charges created by the Company in respect of the issue thereof (other than taxes in respect of any transfer occurring contemporaneously with such issue).

Except and to the extent as waived or consented to by the Holder, the Company shall not by any action, including, without limitation, amending its certificate of incorporation or through any reorganization, transfer of assets, consolidation, merger, dissolution, issue or sale of securities or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, but will at all times in good faith assist in the carrying out of all such terms and in the taking of all such actions as may be necessary or appropriate to protect the rights of Holder as set forth in this Warrant against impairment. Without limiting the generality of the foregoing, the Company will (i) not increase the par value of any Warrant Shares above the amount payable therefor upon such exercise immediately prior to such increase in par value, (ii) take all such action as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and nonassessable Warrant Shares upon the exercise of this Warrant and (iii) use commercially reasonable efforts to obtain all such authorizations, exemptions or consents from any public regulatory body having jurisdiction thereof, as may be, necessary to enable the Company to perform its obligations under this Warrant.

Before taking any action which would result in an adjustment in the number of Warrant Shares for which this Warrant is exercisable or in the Exercise Price, the Company shall obtain all such authorizations or exemptions thereof, or consents thereto, as may be necessary from any public regulatory body or bodies having jurisdiction thereof.

e) Jurisdiction. All questions concerning the construction, validity, enforcement and interpretation of this Warrant shall be determined in accordance with the provisions of the Purchase Agreement.

f) Restrictions. The Holder acknowledges that the Warrant Shares acquired upon the exercise of this Warrant, if not registered, and the Holder does not utilize cashless exercise, will have restrictions upon resale imposed by state and federal securities laws.

g) Nonwaiver and Expenses. No course of dealing or any delay or failure to exercise any right hereunder on the part of Holder shall operate as a waiver of such right or otherwise prejudice the Holder's rights, powers or remedies. Without limiting any other provision of this Warrant or the Purchase Agreement, if the Company willfully and knowingly fails to comply with any provision of this Warrant, which results in any material damages to the Holder, the Company shall pay to the Holder such amounts as shall be sufficient to cover any costs and expenses including, but not limited to, reasonable attorneys' fees, including those of appellate proceedings, incurred by the Holder in collecting any amounts due pursuant hereto or in otherwise enforcing any of its rights, powers or remedies hereunder.

h) Notices. Any notice, request or other document required or permitted to be given or delivered to the Holder by the Company shall be delivered in accordance with the notice provisions of the Purchase Agreement.

i) Limitation of Liability. No provision hereof, in the absence of any affirmative action by the Holder to exercise this Warrant to purchase Warrant Shares, and no enumeration herein of the rights or privileges of the Holder, shall give rise to any liability of the Holder for the purchase price of any Common Stock or as a stockholder of the Company, whether such liability is asserted by the Company or by creditors of the Company.

j) Remedies. The Holder, in addition to being entitled to exercise all rights granted by law, including recovery of damages, will be entitled to specific performance of its rights under this Warrant. The Company agrees that monetary damages would not be adequate compensation for any loss incurred by reason of a breach by it of the provisions of this Warrant and hereby agrees to waive and not to assert the defense in any action for specific performance that a remedy at law would be adequate.

k) Successors and Assigns. Subject to applicable securities laws, this Warrant and the rights and obligations evidenced hereby shall inure to the benefit of and be binding upon the successors and permitted assigns of the Company and the successors and permitted assigns of Holder. The provisions of this Warrant are intended to be for the benefit of any Holder from time to time of this Warrant and shall be enforceable by the Holder or holder of Warrant Shares.

l) Amendment. This Warrant may be modified or amended or the provisions hereof waived with the written consent of the Company and the Holder.

m) Severability. Wherever possible, each provision of this Warrant shall be interpreted in such manner as to be effective and valid under applicable law, but if any provision of this Warrant shall be prohibited by or invalid under applicable law, such provision shall be ineffective to the extent of such prohibition or invalidity, without invalidating the remainder of such provisions or the remaining provisions of this Warrant.

n) Headings. The headings used in this Warrant are for the convenience of reference only and shall not, for any purpose, be deemed a part of this Warrant.

(Signature Page Follows)

IN WITNESS WHEREOF, the Company has caused this Warrant to be executed by its officer thereunto duly authorized as of the date first above indicated.

NUVVE HOLDING CORP.

By: _____

Name:

Title:

NOTICE OF EXERCISE

TO: NUVVE HOLDING CORP.

(1) The undersigned hereby elects to purchase _____ Warrant Shares of the Company pursuant to the terms of the attached Warrant (only if exercised in full), and tenders herewith payment of the exercise price in full, together with all applicable transfer taxes, if any.

(2) Payment shall take the form of (check applicable box):

in lawful money of the United States; or

if permitted the cancellation of such number of Warrant Shares as is necessary, in accordance with the formula set forth in subsection 2(c), to exercise this Warrant with respect to the maximum number of Warrant Shares purchasable pursuant to the cashless exercise procedure set forth in subsection 2(c).

(3) Please issue said Warrant Shares in the name of the undersigned or in such other name as is specified below:

The Warrant Shares shall be delivered to the following DWAC Account Number:

(4) Accredited Investor. The undersigned is an “accredited investor” as defined in Regulation D promulgated under the Securities Act of 1933, as amended.

[SIGNATURE OF HOLDER]

Name of Investing Entity: _____

Signature of Authorized Signatory of Investing Entity: _____

Name of Authorized Signatory: _____

Title of Authorized Signatory: _____

Date: _____



ASSIGNMENT FORM

(To assign the foregoing Warrant, execute this form and supply required information. Do not use this form to purchase shares.)

FOR VALUE RECEIVED, the foregoing Warrant and all rights evidenced thereby are hereby assigned to

Name: _____
(Please Print)

Address: _____
(Please Print)

Phone Number: _____

Email Address: _____

Dated: _____, _____

Holder's Signature: _____

Holder's Address: _____

NEITHER THIS SECURITY NOR THE SECURITIES FOR WHICH THIS SECURITY IS EXERCISABLE HAVE BEEN REGISTERED WITH THE SECURITIES AND EXCHANGE COMMISSION OR THE SECURITIES COMMISSION OF ANY STATE IN RELIANCE UPON AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), AND, ACCORDINGLY, MAY NOT BE OFFERED OR SOLD EXCEPT PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT UNDER THE SECURITIES ACT OR PURSUANT TO AN AVAILABLE EXEMPTION FROM, OR IN A TRANSACTION NOT SUBJECT TO, THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT AND IN ACCORDANCE WITH APPLICABLE STATE SECURITIES LAWS. THIS SECURITY AND THE SECURITIES ISSUABLE UPON EXERCISE OF THIS SECURITY MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN SECURED BY SUCH SECURITIES.

PRE-FUNDED COMMON STOCK PURCHASE WARRANT

NUVVE HOLDING CORP.

Warrant Shares: []

Initial Exercise Date: []

THIS PRE-FUNDED COMMON STOCK PURCHASE WARRANT (the "Warrant") certifies that, for value received, [] or its assigns (the "Holder") is entitled, upon the terms and subject to the limitations on exercise and the conditions hereinafter set forth, at any time on or after the date set forth above (as defined below) (the "Initial Exercise Date") and until this Warrant is exercised in full (the "Termination Date") but not thereafter, to subscribe for and purchase from Nuvve Holding Corp., a Delaware corporation (the "Company"), up to [] shares (as subject to adjustment hereunder, the "Warrant Shares") of the Company's Common Stock. The purchase price of one share of Common Stock under this Warrant shall be equal to the Exercise Price, as defined in Section 2(b).

Section 1. Definitions. In addition to the terms defined elsewhere in this Warrant, the following terms have the meanings indicated in this Section 1:

"Affiliate" means any Person that, directly or indirectly through one or more intermediaries, controls or is controlled by or is under common control with a Person, as such terms are used in and construed under Rule 405 under the Securities Act.

"Bid Price" means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on a Trading Market, the bid price of the Common Stock for the time in question (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg L.P. ("Bloomberg") (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)), (b) if the OTCQB Venture Market ("OTCQB") or the OTCQX Best Market ("OTCQX") is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is not then listed or quoted for trading on OTCQB or OTCQX and if prices for the Common Stock are then reported on the Pink Open Market operated by OTC Markets, Inc. (the "Pink Market") (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of the Common Stock so reported, or (d) in all other cases, the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by the Holders of a majority in interest of the Warrants then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

“Board of Directors” means the board of directors of the Company.

“Commission” means the United States Securities and Exchange Commission.

“Common Stock” means the common stock of the Company, par value \$0.0001 per share, and any other class of securities into which such securities may hereafter be reclassified or changed.

“Common Stock Equivalents” means any securities of the Company or the Subsidiaries which would entitle the holder thereof to acquire at any time Common Stock, including, without limitation, any debt, preferred stock, right, option, warrant or other instrument that is at any time convertible into or exercisable or exchangeable for, or otherwise entitles the holder thereof to receive, Common Stock.

“Exchange Act” means the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

“Person” means an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

“Rule 144” means Rule 144 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

“Securities Act” means the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder.

“Subsidiary” means any subsidiary of the Company and shall, where applicable, also include any direct or indirect subsidiary of the Company formed or acquired after the date hereof.

“Trading Day” means a day on which the Common Stock is traded on a Trading Market.

“Trading Market” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the NYSE American, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market or the New York Stock Exchange (or any successors to any of the foregoing).

“Transfer Agent” means Continental Stock Transfer and Trust Company, and any successor transfer agent of the Company.

“VWAP” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on a Trading Market, the daily volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)), (b) if OTCQB or OTCQX is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is not then listed or quoted for trading on OTCQB or OTCQX and if prices for the Common Stock are then reported on the Pink Open Market (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of the Common Stock so reported, or (d) in all other cases, the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by the holders of a majority in interest of the Warrants then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

Section 2. Exercise.

a) Exercise of Warrant. Exercise of the purchase rights represented by this Warrant may be made, in whole or in part, at any time or times on or after the Initial Exercise Date and on or before the Termination Date by delivery to the Company of a duly executed PDF copy submitted by e-mail (or e-mail attachment) of the Notice of Exercise in the form annexed hereto (the “Notice of Exercise”). Within the earlier of (i) one (1) Trading Day and (ii) the number of Trading Days comprising the Standard Settlement Period (as defined in Section 2(d)(i) herein) following the date of exercise as aforesaid, the Holder shall deliver the aggregate Exercise Price for the Warrant Shares specified in the applicable Notice of Exercise by wire transfer or cashier’s check drawn on a United States bank unless the cashless exercise procedure specified in Section 2(c) below is specified in the applicable Notice of Exercise. No ink-original Notice of Exercise shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any Notice of Exercise be required. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Warrant to the Company until the Holder has purchased all of the Warrant Shares available hereunder and the Warrant has been exercised in full, in which case, the Holder shall surrender this Warrant to the Company for cancellation as soon as practicable following the date on which the final Notice of Exercise is delivered to the Company. Partial exercises of this Warrant resulting in purchases of a portion of the total number of Warrant Shares available hereunder shall have the effect of lowering the outstanding number of Warrant Shares purchasable hereunder in an amount equal to the applicable number of Warrant Shares purchased. The Holder and the Company shall maintain records showing the number of Warrant Shares purchased and the date of such purchases. The Company shall deliver any objection to any Notice of Exercise within one (1) Trading Day of receipt of such notice. **The Holder and any assignee, by acceptance of this Warrant, acknowledge and agree that, by reason of the provisions of this paragraph, following the purchase of a portion of the Warrant Shares hereunder, the number of Warrant Shares available for purchase hereunder at any given time may be less than the amount stated on the face hereof.**

b) Exercise Price. The aggregate exercise price of this Warrant, except for a nominal exercise price of \$0.001 per Warrant Share, was pre-funded to the Company on or prior to the Initial Exercise Date and, consequently, no additional consideration (other than the nominal exercise price of \$0.001 per Warrant Share) shall be required to be paid by the Holder to any Person to effect any exercise of this Warrant. The Holder shall not be entitled to the return or refund of all, or any portion, of such pre-paid aggregate exercise price under any circumstance or for any reason whatsoever, including in the event this Warrant shall not have been exercised prior to the Termination Date. The remaining unpaid exercise price per share of Common Stock under this Warrant shall be \$0.001, subject to adjustment hereunder (the "Exercise Price").

c) Cashless Exercise. This Warrant may also be exercised, in whole or in part, at such time by means of a "cashless exercise" in which the Holder shall be entitled to receive a number of Warrant Shares equal to the quotient obtained by dividing [(A-B) (X)] by (A), where:

(A) = as applicable: (i) the VWAP on the Trading Day immediately preceding the date of the applicable Notice of Exercise if such Notice of Exercise is (1) both executed and delivered pursuant to Section 2(a) hereof on a day that is not a Trading Day or (2) both executed and delivered pursuant to Section 2(a) hereof on a Trading Day prior to the opening of "regular trading hours" (as defined in Rule 600(b) of Regulation NMS promulgated under the federal securities laws) on such Trading Day, (ii) at the option of the Holder, either (y) the VWAP on the Trading Day immediately preceding the date of the applicable Notice of Exercise or (z) the Bid Price of the Common Stock on the principal Trading Market as reported by Bloomberg L.P. ("Bloomberg") as of the time of the Holder's execution of the applicable Notice of Exercise if such Notice of Exercise is executed during "regular trading hours" on a Trading Day and is delivered within two (2) hours thereafter (including until two (2) hours after the close of "regular trading hours" on a Trading Day) pursuant to Section 2(a) hereof, or (iii) the VWAP on the date of the applicable Notice of Exercise if the date of such Notice of Exercise is a Trading Day and such Notice of Exercise is both executed and delivered pursuant to Section 2(a) hereof after the close of "regular trading hours" on such Trading Day;

(B) = the Exercise Price of this Warrant, as adjusted hereunder; and

(X) = the number of Warrant Shares that would be issuable upon exercise of this Warrant in accordance with the terms of this Warrant if such exercise were by means of a cash exercise rather than a cashless exercise.

If Warrant Shares are issued in such a cashless exercise, the parties acknowledge and agree that in accordance with Section 3(a)(9) of the Securities Act, the holding period of the Warrant Shares being issued may be tacked on to the holding period of this Warrant. The Company agrees not to take any position contrary to this Section 2(c).

d) Mechanics of Exercise.

i. Delivery of Warrant Shares Upon Exercise. The Company shall cause the Warrant Shares purchased hereunder to be transmitted by the Transfer Agent to the Holder by crediting the account of the Holder's or its designee's balance account with The Depository Trust Company through its Deposit or Withdrawal at Custodian system ("DWAC") if the Company's Transfer Agent is then a participant in such system and either (A) there is an effective registration statement permitting the issuance of the Warrant Shares to or resale of the Warrant Shares by the Holder or (B) the Warrant Shares are eligible for resale by the Holder without volume or manner-of-sale limitations pursuant to Rule 144 (assuming cashless exercise of the Warrants), and otherwise by physical delivery of a certificate or book entry credit, registered in the Company's share register in the name of the Holder or its designee, for the number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the address specified by the Holder in the Notice of Exercise by the date that is the earlier of (i) one (1) Trading Day and (ii) the number of Trading Days comprising the Standard Settlement Period, in each case after the delivery to the Company of the Notice of Exercise (such date, the "Warrant Share Delivery Date"). Upon delivery of the Notice of Exercise, the Holder shall be deemed for all corporate purposes to have become the holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date of delivery of the Warrant Shares, provided that payment of the aggregate Exercise Price (other than in the case of a cashless exercise) is received by the Warrant Share Delivery Date. If the Company fails for any reason to deliver to the Holder the Warrant Shares subject to a Notice of Exercise by the Warrant Share Delivery Date, the Company shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of Warrant Shares subject to such exercise (based on the VWAP of the Common Stock on the date of the applicable Notice of Exercise), \$10 per Trading Day (increasing to \$20 per Trading Day on the third (3rd) Trading Day after the Warrant Share Delivery Date) for each Trading Day after such Warrant Share Delivery Date until such Warrant Shares are delivered or Holder rescinds such exercise. The Company agrees to maintain a transfer agent that is a participant in the FAST program so long as this Warrant remains outstanding and exercisable. As used herein, "Standard Settlement Period" means the standard settlement period, expressed in a number of Trading Days, on the Company's primary Trading Market with respect to the Common Stock as in effect on the date of delivery of the Notice of Exercise.

ii. Delivery of New Warrants Upon Exercise. If this Warrant shall have been exercised in part, the Company shall, at the request of a Holder and upon surrender of this Warrant certificate, at the time of delivery of the Warrant Shares, deliver to the Holder a new Warrant evidencing the rights of the Holder to purchase the unpurchased Warrant Shares called for by this Warrant, which new Warrant shall in all other respects be identical with this Warrant.

iii. Rescission Rights. If the Company fails to cause the Transfer Agent to transmit to the Holder the Warrant Shares pursuant to Section 2(d)(i) by the Warrant Share Delivery Date, then the Holder will have the right to rescind such exercise.

iv. Compensation for Buy-In on Failure to Timely Deliver Warrant Shares Upon Exercise. In addition to any other rights available to the Holder, if the Company fails to cause the Transfer Agent to transmit to the Holder the Warrant Shares in accordance with the provisions of Section 2(d)(i) above pursuant to an exercise on or before the Warrant Share Delivery Date, and if after such date the Holder is required by its broker to purchase (in an open market transaction or otherwise) or the Holder's brokerage firm otherwise purchases, shares of Common Stock to deliver in satisfaction of a sale by the Holder of the Warrant Shares which the Holder anticipated receiving upon such exercise (a "Buy-In"), then the Company shall (A) pay in cash to the Holder the amount, if any, by which (x) the Holder's total purchase price (including brokerage commissions, if any) for the shares of Common Stock so purchased exceeds (y) the amount obtained by multiplying (1) the number of Warrant Shares that the Company was required to deliver to the Holder in connection with the exercise at issue times (2) the price at which the sell order giving rise to such purchase obligation was executed, and (B) at the option of the Holder, either reinstate the portion of the Warrant and equivalent number of Warrant Shares for which such exercise was not honored (in which case such exercise shall be deemed rescinded) or deliver to the Holder the number of shares of Common Stock that would have been issued had the Company timely complied with its exercise and delivery obligations hereunder. For example, if the Holder purchases Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to an attempted exercise of shares of Common Stock with an aggregate sale price giving rise to such purchase obligation of \$10,000, under clause (A) of the immediately preceding sentence the Company shall be required to pay the Holder \$1,000. The Holder shall provide the Company written notice indicating the amounts payable to the Holder in respect of the Buy-In and, upon request of the Company, evidence of the amount of such loss. Nothing herein shall limit a Holder's right to pursue any other remedies available to it hereunder, at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company's failure to timely deliver shares of Common Stock upon exercise of the Warrant as required pursuant to the terms hereof.

v. No Fractional Shares or Scrip. No fractional shares or scrip representing fractional shares shall be issued upon the exercise of this Warrant. As to any fraction of a share which the Holder would otherwise be entitled to purchase upon such exercise, the Company shall, at its election, either pay a cash adjustment in respect of such final fraction in an amount equal to such fraction multiplied by the Exercise Price or round up to the next whole share.

vi. Charges, Taxes and Expenses. Issuance of Warrant Shares shall be made without charge to the Holder for any issue or transfer tax or other incidental expense in respect of the issuance of such Warrant Shares, all of which taxes and expenses shall be paid by the Company, and such Warrant Shares shall be issued in the name of the Holder or in such name or names as may be directed by the Holder; provided, however, that in the event that Warrant Shares are to be issued in a name other than the name of the Holder, this Warrant when surrendered for exercise shall be accompanied by the Assignment Form attached hereto duly executed by the Holder and the Company may require, as a condition thereto, the payment of a sum sufficient to reimburse it for any transfer tax incidental thereto. The Company shall pay all Transfer Agent fees required for same-day processing of any Notice of Exercise and all fees to the Depository Trust Company (or another established clearing corporation performing similar functions) required for same-day electronic delivery of the Warrant Shares.

vii. Closing of Books. The Company will not close its stockholder books or records in any manner which prevents the timely exercise of this Warrant, pursuant to the terms hereof.

e) Holder's Exercise Limitations. The Company shall not effect any exercise of this Warrant, and a Holder shall not have the right to exercise any portion of this Warrant, pursuant to Section 2 or otherwise, to the extent that after giving effect to such issuance after exercise as set forth on the applicable Notice of Exercise, the Holder (together with the Holder's Affiliates, and any other Persons acting as a group together with the Holder or any of the Holder's Affiliates (such Persons, "Attribution Parties")), would beneficially own in excess of the Beneficial Ownership Limitation (as defined below). For purposes of the foregoing sentence, the number of shares of Common Stock beneficially owned by the Holder and its Affiliates and Attribution Parties shall include the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which such determination is being made, but shall exclude the number of shares of Common Stock which would be issuable upon (i) exercise of the remaining, nonexercised portion of this Warrant beneficially owned by the Holder or any of its Affiliates or Attribution Parties and (ii) exercise or conversion of the unexercised or nonconverted portion of any other securities of the Company (including, without limitation, any other Common Stock Equivalents) subject to a limitation on conversion or exercise analogous to the limitation contained herein beneficially owned by the Holder or any of its Affiliates or Attribution Parties. Except as set forth in the preceding sentence, for purposes of this Section 2(e), beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder, it being acknowledged by the Holder that the Company is not representing to the Holder that such calculation is in compliance with Section 13(d) of the Exchange Act and the Holder is solely responsible for any schedules required to be filed in accordance therewith. To the extent that the limitation contained in this Section 2(e) applies, the determination of whether this Warrant is exercisable (in relation to other securities owned by the Holder together with any Affiliates and Attribution Parties) and of which portion of this Warrant is exercisable shall be in the sole discretion of the Holder, and the submission of a Notice of Exercise shall be deemed to be the Holder's determination of whether this Warrant is exercisable (in relation to other securities owned by the Holder together with any Affiliates and Attribution Parties) and of which portion of this Warrant is exercisable, in each case subject to the Beneficial Ownership Limitation, and the Company shall have no obligation to verify or confirm the accuracy of such determination. In addition, a determination as to any group status as contemplated above shall be determined in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder. For purposes of this Section 2(e), in determining the number of outstanding shares of Common Stock, a Holder may rely on the number of outstanding shares of Common Stock as reflected in (A) the Company's most recent periodic or annual report filed with the Commission, as the case may be, (B) a more recent public announcement by the Company or (C) a more recent written notice by the Company or the Transfer Agent setting forth the number of shares of Common Stock outstanding. Upon the written request of a Holder, the Company shall within one (1) Trading Day confirm orally and in writing to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Warrant, by the Holder or its Affiliates or Attribution Parties since the date as of which such number of outstanding shares of Common Stock was reported. The "Beneficial Ownership Limitation" shall be [4.99]/[9.99]% of the number of shares of Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock issuable upon exercise of this Warrant. The Holder, upon notice to the Company, may increase or decrease the Beneficial Ownership Limitation provisions of this Section 2(e), provided that the Beneficial Ownership Limitation in no event exceeds 9.99% of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock upon exercise of this Warrant held by the Holder and the provisions of this Section 2(e) shall continue to apply. Any increase in the Beneficial Ownership Limitation will not be effective until the 61st day after such notice is delivered to the Company. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 2(e) to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended Beneficial Ownership Limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitations contained in this paragraph shall apply to a successor holder of this Warrant.

Section 3. Certain Adjustments.

a) Stock Dividends and Splits. If the Company, at any time while this Warrant is outstanding: (i) pays a stock dividend or otherwise makes a distribution or distributions on shares of its Common Stock or any other equity or equity equivalent securities payable in shares of Common Stock (which, for avoidance of doubt, shall not include any shares of Common Stock issued by the Company upon exercise of this Warrant), (ii) subdivides outstanding shares of Common Stock into a larger number of shares, (iii) combines (including by way of reverse stock split) outstanding shares of Common Stock into a smaller number of shares, or (iv) issues by reclassification of shares of the Common Stock any shares of capital stock of the Company, then in each case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock (excluding treasury shares, if any) outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event, and the number of shares issuable upon exercise of this Warrant shall be proportionately adjusted such that the aggregate Exercise Price of this Warrant shall remain unchanged. Any adjustment made pursuant to this Section 3(a) shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution and shall become effective immediately after the effective date in the case of a subdivision, combination or reclassification.

b) Subsequent Rights Offerings. In addition to any adjustments pursuant to Section 3(a) above, if at any time the Company grants, issues or sells any Common Stock Equivalents or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of shares of Common Stock (the "Purchase Rights"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights (provided, however, that to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Purchase Right to such extent (or beneficial ownership of such shares of Common Stock as a result of such Purchase Right to such extent) and such Purchase Right to such extent shall be held in abeyance for the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation).

c) Pro Rata Distributions. During such time as this Warrant is outstanding, if the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a "Distribution"), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided, however, that to the extent that the Holder's right to participate in any such Distribution would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Distribution to such extent (or in the beneficial ownership of any shares of Common Stock as a result of such Distribution to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation).

d) Fundamental Transaction. If, at any time while this Warrant is outstanding, (i) the Company, directly or indirectly, in one or more related transactions effects any merger or consolidation of the Company with or into another Person, (ii) the Company or any Subsidiary, directly or indirectly, effects any sale, lease, license, assignment, transfer, conveyance or other disposition of all or substantially all of its assets in one or a series of related transactions, (iii) any, direct or indirect, purchase offer, tender offer or exchange offer (whether by the Company or another Person) is completed pursuant to which holders of Common Stock are permitted to sell, tender or exchange their shares for other securities, cash or property and has been accepted by the holders of greater than 50% of the outstanding Common Stock or greater than 50% of the voting power of the common equity of the Company, (iv) the Company, directly or indirectly, in one or more related transactions effects any reclassification, reorganization or recapitalization of the Common Stock or any compulsory share exchange pursuant to which the Common Stock is effectively converted into or exchanged for other securities, cash or property, or (v) the Company, directly or indirectly, in one or more related transactions consummates a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off, merger or scheme of arrangement) with another Person or group of Persons whereby such other Person or group acquires greater than 50% of the outstanding shares of Common Stock or greater than 50% of the voting power of the common equity of the Company (each a “Fundamental Transaction”), then, upon any subsequent exercise of this Warrant, the Holder shall have the right to receive, for each Warrant Share that would have been issuable upon such exercise immediately prior to the occurrence of such Fundamental Transaction, at the option of the Holder (without regard to any limitation in Section 2(e) on the exercise of this Warrant), the number of shares of Common Stock of the successor or acquiring corporation or of the Company, if it is the surviving corporation, and any additional consideration (the “Alternate Consideration”) receivable as a result of such Fundamental Transaction by a holder of the number of shares of Common Stock for which this Warrant is exercisable immediately prior to such Fundamental Transaction (without regard to any limitation in Section 2(e) on the exercise of this Warrant). For purposes of any such exercise, the determination of the Exercise Price shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one share of Common Stock in such Fundamental Transaction, and the Company shall apportion the Exercise Price among the Alternate Consideration in a reasonable manner reflecting the relative value of any different components of the Alternate Consideration. If holders of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Holder shall be given the same choice as to the Alternate Consideration it receives upon any exercise of this Warrant following such Fundamental Transaction. Notwithstanding anything to the contrary, in the event of a Fundamental Transaction, the Company or any Successor Entity (as defined below) shall, at the Holder’s option, exercisable at any time concurrently with, or within 30 days after, the consummation of the Fundamental Transaction (or, if later, the date of the public announcement of the applicable Fundamental Transaction), purchase this Warrant from the Holder by paying to the Holder an amount of cash equal to the Black Scholes Value (as defined below) of the remaining unexercised portion of this Warrant on the date of the consummation of such Fundamental Transaction; provided, however, that, if the Fundamental Transaction is not within the Company’s control, including not approved by the Company’s Board of Directors, the Holder shall only be entitled to receive from the Company or any Successor Entity the same type or form of consideration (and in the same proportion), at the Black Scholes Value of the unexercised portion of this Warrant, that is being offered and paid to the holders of Common Stock of the Company in connection with the Fundamental Transaction, whether that consideration be in the form of cash, stock or any combination thereof, or whether the holders of Common Stock are given the choice to receive from among alternative forms of consideration in connection with the Fundamental Transaction; provided, further, that if holders of Common Stock of the Company are not offered or paid any consideration in such Fundamental Transaction, such holders of Common Stock will be deemed to have received common stock of the Successor Entity (which Successor Entity may be the Company following such Fundamental Transaction) in such Fundamental Transaction. “Black Scholes Value” means the value of this Warrant based on the Black-Scholes Option Pricing Model obtained from the “OV” function on Bloomberg determined as of the day of consummation of the applicable Fundamental Transaction for pricing purposes and reflecting (A) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the time between the date of the public announcement of the applicable contemplated Fundamental Transaction and the applicable Termination Date, (B) an expected volatility equal to the 100 day volatility as obtained from the HVT function on Bloomberg (determined utilizing a 365 day annualization factor) as of the Trading Day immediately following the public announcement of the applicable contemplated Fundamental Transaction, (C) the underlying price per share used in such calculation shall be the sum of the price per share being offered in cash, if any, plus the value of any non-cash consideration, if any, being offered in such Fundamental Transaction, (D) a remaining option time equal to the time between the date of the public announcement of the applicable contemplated Fundamental Transaction and the applicable Termination Date and (E) a zero cost of borrow. The payment of the Black Scholes Value will be made by wire transfer of immediately available funds (or such other consideration) within the later of (i) five Business Days of the Holder’s election and (ii) the date of consummation of the Fundamental Transaction. The Company shall cause any successor entity in a Fundamental Transaction in which the Company is not the survivor (the “Successor Entity”) to assume in writing all of the obligations of the Company under this Warrant and the other Transaction Documents in accordance with the provisions of this Section 3(d) pursuant to written agreements in form and substance reasonably satisfactory to the Holder and approved by the Holder (without unreasonable delay) prior to such Fundamental Transaction and shall, at the option of the Holder, deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant which is exercisable for a corresponding number of shares of capital stock of such Successor Entity (or its parent entity) equivalent to the shares of Common Stock acquirable and receivable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (but taking into account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction), and which is reasonably satisfactory in form and substance to the Holder. Upon the occurrence of any such Fundamental Transaction, the Successor Entity shall be added to the term “Company” under this Warrant (so that from and after the occurrence or consummation of such Fundamental Transaction, each and every provision of this Warrant and the other Transaction Documents referring to the “Company” shall refer instead to each of the Company and the Successor Entity or Successor Entities, jointly and severally), and the Successor Entity or Successor Entities, jointly and severally with the Company, may exercise every right and power of the Company prior thereto and the Successor Entity or Successor Entities shall assume all of the obligations of the Company prior thereto under this Warrant and the other Transaction Documents with the same effect as if the Company and such Successor Entity or Successor Entities, jointly and severally, had been named as the Company herein. For the avoidance of doubt, the Holder shall be entitled to the benefits of the provisions of this Section 3(d) regardless of (i) whether the Company has sufficient authorized shares of Common Stock for the issuance of Warrant Shares and/or (ii) whether a Fundamental Transaction occurs prior to the Initial Exercise Date.

e) Calculations. All calculations under this Section 3 shall be made to the nearest cent or the nearest 1/100th of a share, as the case may be. For purposes of this Section 3, the number of shares of Common Stock deemed to be issued and outstanding as of a given date shall be the sum of the number of shares of Common Stock (excluding treasury shares, if any) issued and outstanding.

f) Notice to Holder.

i. Adjustment to Exercise Price. Whenever the Exercise Price is adjusted pursuant to any provision of this Section 3, the Company shall promptly deliver to the Holder by email a notice setting forth the Exercise Price after such adjustment and any resulting adjustment to the number of Warrant Shares and setting forth a brief statement of the facts requiring such adjustment.

ii. Notice to Allow Exercise by Holder. If (A) the Company shall declare a dividend (or any other distribution in whatever form) on the Common Stock, (B) the Company shall declare a special nonrecurring cash dividend on or a redemption of the Common Stock, (C) the Company shall authorize the granting to all holders of the Common Stock rights or warrants to subscribe for or purchase any shares of capital stock of any class or of any rights, (D) the approval of any stockholders of the Company shall be required in connection with any reclassification of the Common Stock, any consolidation or merger to which the Company (or any of its Subsidiaries) is a party, any sale or transfer of all or substantially all of its assets, or any compulsory share exchange whereby the Common Stock is converted into other securities, cash or property, or (E) the Company shall authorize the voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Company, then, in each case, the Company shall cause to be delivered by email to the Holder at its last email address as it shall appear upon the Warrant Register of the Company, at least 20 calendar days prior to the applicable record or effective date hereinafter specified, a notice stating (x) the date on which a record is to be taken for the purpose of such dividend, distribution, redemption, rights or warrants, or if a record is not to be taken, the date as of which the holders of the Common Stock of record to be entitled to such dividend, distributions, redemption, rights or warrants are to be determined or (y) the date on which such reclassification, consolidation, merger, sale, transfer or share exchange is expected to become effective or close, and the date as of which it is expected that holders of the Common Stock of record shall be entitled to exchange their shares of the Common Stock for securities, cash or other property deliverable upon such reclassification, consolidation, merger, sale, transfer or share exchange; provided that the failure to deliver such notice or any defect therein or in the delivery thereof shall not affect the validity of the corporate action required to be specified in such notice. To the extent that any notice provided in this Warrant constitutes, or contains, material, non-public information regarding the Company or any of the Subsidiaries, the Company shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K. The Holder shall remain entitled to exercise this Warrant during the period commencing on the date of such notice to the effective date of the event triggering such notice except as may otherwise be expressly set forth herein.

Section 4. Transfer of Warrant.

a) Transferability. This Warrant and all rights hereunder (including, without limitation, any registration rights) are transferable, in whole or in part, upon surrender of this Warrant at the principal office of the Company or its designated agent, together with a written assignment of this Warrant substantially in the form attached hereto duly executed by the Holder or its agent or attorney and funds sufficient to pay any transfer taxes payable upon the making of such transfer. Upon such surrender and, if required, such payment, the Company shall execute and deliver a new Warrant or Warrants in the name of the assignee or assignees, as applicable, and in the denomination or denominations specified in such instrument of assignment, and shall issue to the assignor a new Warrant evidencing the portion of this Warrant not so assigned, and this Warrant shall promptly be cancelled. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Warrant to the Company unless the Holder has assigned this Warrant in full, in which case, the Holder shall surrender this Warrant to the Company within three (3) Trading Days of the date on which the Holder delivers an assignment form to the Company assigning this Warrant in full. The Warrant, if properly assigned in accordance herewith, may be exercised by a new holder for the purchase of Warrant Shares without having a new Warrant issued.

b) New Warrants. This Warrant may be divided or combined with other Warrants upon presentation hereof at the aforesaid office of the Company, together with a written notice specifying the names and denominations in which new Warrants are to be issued, signed by the Holder or its agent or attorney. Subject to compliance with Section 4(a), as to any transfer which may be involved in such division or combination, the Company shall execute and deliver a new Warrant or Warrants in exchange for the Warrant or Warrants to be divided or combined in accordance with such notice. All Warrants issued on transfers or exchanges shall be dated the Issue Date of this Warrant and shall be identical with this Warrant except as to the number of Warrant Shares issuable pursuant thereto.

c) Warrant Register. The Company shall register this Warrant, upon records to be maintained by the Company for that purpose (the "Warrant Register"), in the name of the record Holder hereof from time to time. The Company may deem and treat the registered Holder of this Warrant as the absolute owner hereof for the purpose of any exercise hereof or any distribution to the Holder, and for all other purposes, absent actual notice to the contrary.

d) Reserved.

e) Representation by the Holder. The Holder, by the acceptance hereof, represents and warrants that it is acquiring this Warrant and, upon any exercise hereof, will acquire the Warrant Shares issuable upon such exercise, for its own account and not with a view to or for distributing or reselling such Warrant Shares or any part thereof in violation of the Securities Act or any applicable state securities law, except pursuant to sales registered or exempted under the Securities Act.

Section 5. Miscellaneous.

a) No Rights as Stockholder Until Exercise; No Settlement in Cash. This Warrant does not entitle the Holder to any voting rights, dividends or other rights as a stockholder of the Company prior to the exercise hereof as set forth in Section 2(d)(i), except as expressly set forth in Section 3. Without limiting any rights of a Holder to receive Warrant Shares on a “cashless exercise” pursuant to Section 2(c) or to receive cash payments pursuant to Section 2(d)(i) and Section 2(d)(iv) herein, in no event shall the Company be required to net cash settle an exercise of this Warrant.

b) Loss, Theft, Destruction or Mutilation of Warrant. The Company covenants that upon receipt by the Company of evidence reasonably satisfactory to it of the loss, theft, destruction or mutilation of this Warrant or any stock certificate relating to the Warrant Shares, and in case of loss, theft or destruction, of indemnity or security reasonably satisfactory to it (which, in the case of the Warrant, shall not include the posting of any bond), and upon surrender and cancellation of such Warrant or stock certificate, if mutilated, the Company will make and deliver a new Warrant or stock certificate of like tenor and dated as of such cancellation, in lieu of such Warrant or stock certificate.

c) Saturdays, Sundays, Holidays, etc. If the last or appointed day for the taking of any action or the expiration of any right required or granted herein shall not be a Trading Day, then, such action may be taken or such right may be exercised on the next succeeding Trading Day.

d) Authorized Shares.

The Company covenants that, during the period the Warrant is outstanding, it will reserve from its authorized and unissued Common Stock a sufficient number of shares to provide for the issuance of the Warrant Shares upon the exercise of any purchase rights under this Warrant. The Company further covenants that its issuance of this Warrant shall constitute full authority to its officers who are charged with the duty of issuing the necessary Warrant Shares upon the exercise of the purchase rights under this Warrant. The Company will take all such reasonable action as may be necessary to assure that such Warrant Shares may be issued as provided herein without violation of any applicable law or regulation, or of any requirements of the Trading Market upon which the Common Stock may be listed. The Company covenants that all Warrant Shares which may be issued upon the exercise of the purchase rights represented by this Warrant will, upon exercise of the purchase rights represented by this Warrant and payment for such Warrant Shares in accordance herewith, be duly authorized, validly issued, fully paid and nonassessable and free from all taxes, liens and charges created by the Company in respect of the issue thereof (other than taxes in respect of any transfer occurring contemporaneously with such issue).

Except and to the extent as waived or consented to by the Holder, the Company shall not by any action, including, without limitation, amending its certificate of incorporation or through any reorganization, transfer of assets, consolidation, merger, dissolution, issue or sale of securities or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, but will at all times in good faith assist in the carrying out of all such terms and in the taking of all such actions as may be necessary or appropriate to protect the rights of Holder as set forth in this Warrant against impairment. Without limiting the generality of the foregoing, the Company will (i) not increase the par value of any Warrant Shares above the amount payable therefor upon such exercise immediately prior to such increase in par value, (ii) take all such action as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and nonassessable Warrant Shares upon the exercise of this Warrant and (iii) use commercially reasonable efforts to obtain all such authorizations, exemptions or consents from any public regulatory body having jurisdiction thereof, as may be, necessary to enable the Company to perform its obligations under this Warrant.

Before taking any action which would result in an adjustment in the number of Warrant Shares for which this Warrant is exercisable or in the Exercise Price, the Company shall obtain all such authorizations or exemptions thereof, or consents thereto, as may be necessary from any public regulatory body or bodies having jurisdiction thereof.

e) Governing Law. All questions concerning the construction, validity, enforcement and interpretation of this Warrant shall be governed by and construed and enforced in accordance with the internal laws of the State of New York, without regard to the principles of conflicts of law thereof. Each party agrees that all legal proceedings concerning the interpretations, enforcement and defense of the transactions contemplated by this Warrant (whether brought against a party hereto or their respective affiliates, directors, officers, shareholders, partners, members, employees or agents) shall be commenced exclusively in the state and federal courts sitting in the City of New York. Each party hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in the City of New York, Borough of Manhattan for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is improper or is an inconvenient venue for such proceeding. Each party hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to such party at the address in effect for notices to it under this Warrant and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any other manner permitted by law. If either party shall commence an action, suit or proceeding to enforce any provisions of this Warrant, the prevailing party in such action, suit or proceeding shall be reimbursed by the other party for their reasonable attorneys' fees and other costs and expenses incurred with the investigation, preparation and prosecution of such action or proceeding.

f) Restrictions. The Holder acknowledges that the Warrant Shares acquired upon the exercise of this Warrant, if not registered, and the Holder does not utilize cashless exercise, will have restrictions upon resale imposed by state and federal securities laws.

g) Nonwaiver and Expenses. No course of dealing or any delay or failure to exercise any right hereunder on the part of Holder shall operate as a waiver of such right or otherwise prejudice the Holder's rights, powers or remedies. Without limiting any other provision of this Warrant, if the Company willfully and knowingly fails to comply with any provision of this Warrant, which results in any material damages to the Holder, the Company shall pay to the Holder such amounts as shall be sufficient to cover any costs and expenses including, but not limited to, reasonable attorneys' fees, including those of appellate proceedings, incurred by the Holder in collecting any amounts due pursuant hereto or in otherwise enforcing any of its rights, powers or remedies hereunder.

h) Notices. Any and all notices or other communications or deliveries to be provided by the Holders hereunder including, without limitation, any Notice of Exercise, shall be in writing and delivered personally, by e-mail, or sent by a nationally recognized overnight courier service, addressed to the Company, at 2488 Historic Decatur Road, Ste 230, San Diego, CA 92106, Attention: Chief Executive Officer, email address: gregory@nuvve.com, or such other email address or address as the Company may specify for such purposes by notice to the Holders. Any and all notices or other communications or deliveries to be provided by the Company hereunder shall be in writing and delivered personally, by e-mail, or sent by a nationally recognized overnight courier service addressed to each Holder at the e-mail address or address of such Holder appearing on the books of the Company. Any notice or other communication or deliveries hereunder shall be deemed given and effective on the earliest of (i) the time of transmission, if such notice or communication is delivered via e-mail at the e-mail address set forth in this Section prior to 5:30 p.m. (New York City time) on any date, (ii) the next Trading Day after the time of transmission, if such notice or communication is delivered via e-mail at the e-mail address set forth in this Section on a day that is not a Trading Day or later than 5:30 p.m. (New York City time) on any Trading Day, (iii) the second Trading Day following the date of mailing, if sent by U.S. nationally recognized overnight courier service, or (iv) upon actual receipt by the party to whom such notice is required to be given. To the extent that any notice provided hereunder constitutes, or contains, material, non-public information regarding the Company or any Subsidiaries, the Company shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K.

i) Limitation of Liability. No provision hereof, in the absence of any affirmative action by the Holder to exercise this Warrant to purchase Warrant Shares, and no enumeration herein of the rights or privileges of the Holder, shall give rise to any liability of the Holder for the purchase price of any Common Stock or as a stockholder of the Company, whether such liability is asserted by the Company or by creditors of the Company.

j) Remedies. The Holder, in addition to being entitled to exercise all rights granted by law, including recovery of damages, will be entitled to specific performance of its rights under this Warrant. The Company agrees that monetary damages would not be adequate compensation for any loss incurred by reason of a breach by it of the provisions of this Warrant and hereby agrees to waive and not to assert the defense in any action for specific performance that a remedy at law would be adequate.

k) Successors and Assigns. Subject to applicable securities laws, this Warrant and the rights and obligations evidenced hereby shall inure to the benefit of and be binding upon the successors and permitted assigns of the Company and the successors and permitted assigns of Holder. The provisions of this Warrant are intended to be for the benefit of any Holder from time to time of this Warrant and shall be enforceable by the Holder or holder of Warrant Shares.

l) Amendment. This Warrant may be modified or amended or the provisions hereof waived with the written consent of the Company, on the one hand, and the Holder of this Warrant, on the other hand.

m) Severability. Wherever possible, each provision of this Warrant shall be interpreted in such manner as to be effective and valid under applicable law, but if any provision of this Warrant shall be prohibited by or invalid under applicable law, such provision shall be ineffective to the extent of such prohibition or invalidity, without invalidating the remainder of such provisions or the remaining provisions of this Warrant.

n) Acceptance. Receipt of this Warrant by the Holder shall constitute acceptance of and agreement to all the terms and conditions contained herein.

o) Headings. The headings used in this Warrant are for the convenience of reference only and shall not, for any purpose, be deemed a part of this Warrant.

(Signature Page Follows)

IN WITNESS WHEREOF, the Company has caused this Warrant to be executed by its officer thereunto duly authorized as of the date first above indicated.

NUVVE HOLDING CORP.

By: _____
Name: Gregory Poilasne
Title: Chief Executive Officer

NOTICE OF EXERCISE

TO: **NANOVIBRONIX, INC.**

(1) The undersigned hereby elects to purchase _____ Warrant Shares of the Company pursuant to the terms of the attached Warrant (only if exercised in full), and tenders herewith payment of the exercise price in full, together with all applicable transfer taxes, if any.

(2) Payment shall take the form of (check applicable box):

in lawful money of the United States; or

if permitted the cancellation of such number of Warrant Shares as is necessary, in accordance with the formula set forth in subsection 2(c), to exercise this Warrant with respect to the maximum number of Warrant Shares purchasable pursuant to the cashless exercise procedure set forth in subsection 2(c).

(3) Please issue said Warrant Shares in the name of the undersigned or in such other name as is specified below:

The Warrant Shares shall be delivered to the following DWAC Account Number:

(4) Accredited Investor. The undersigned is an “accredited investor” as defined in Regulation D promulgated under the Securities Act of 1933, as amended.

[SIGNATURE OF HOLDER]

Name of Investing Entity: _____

Signature of Authorized Signatory of Investing Entity: _____

Name of Authorized Signatory: _____

Title of Authorized Signatory: _____

Date: _____

ASSIGNMENT FORM

(To assign the foregoing Warrant, execute this form and supply required information. Do not use this form to exercise the Warrant to purchase shares.)

FOR VALUE RECEIVED, the foregoing Warrant and all rights evidenced thereby are hereby assigned to

Name: _____
(Please Print)

Address: _____
(Please Print)

Phone Number: _____

Email Address: _____

Dated: _____, _____

Holder's Signature: _____

Holder's Address: _____

SECURITIES PURCHASE AGREEMENT

This Securities Purchase Agreement (this “Agreement”) is dated as of November 14, 2025, between Nuvve Holding Corp., a Delaware corporation (the “Company”), and each purchaser identified on the signature pages hereto (each, including its successors and assigns, a “Purchaser” and collectively, the “Purchasers”).

WHEREAS, subject to the terms and conditions set forth in this Agreement and pursuant to Section 4(a)(2) of the Securities Act (as defined below), and Rule 506 promulgated thereunder, the Company desires to issue and sell to each Purchaser, and each Purchaser, severally and not jointly, desires to purchase from the Company, securities of the Company as more fully described in this Agreement.

NOW, THEREFORE, IN CONSIDERATION of the mutual covenants contained in this Agreement, and for other good and valuable consideration the receipt and adequacy of which are hereby acknowledged, the Company and each Purchaser agree as follows:

**ARTICLE I.
DEFINITIONS**

1.1 Definitions. In addition to the terms defined elsewhere in this Agreement: (a) capitalized terms that are not otherwise defined herein have the meanings given to such terms in the Certificate of Designation (as defined herein), and (b) the following terms have the meanings set forth in this Section 1.1:

“Acquiring Person” shall have the meaning ascribed to such term in Section 4.7.

“Action” shall have the meaning ascribed to such term in Section 3.1(j).

“Additional Investment Right” shall have the meaning ascribed to such term in Section 4.21.

“Affiliate” means any Person that, directly or indirectly through one or more intermediaries, controls or is controlled by or is under common control with a Person, as such terms are used in and construed under Rule 405 under the Securities Act.

“AIR Warrants” shall have the meaning ascribed to such term in Section 4.21.

“Board of Directors” means the board of directors of the Company.

“Business Day” means any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed; provided, however, for clarification, commercial banks shall not be deemed to be authorized or required by law to remain closed due to “stay at home”, “shelter-in-place”, “non-essential employee” or any other similar orders or restrictions or the closure of any physical branch locations at the direction of any governmental authority so long as the electronic funds transfer systems (including for wire transfers) of commercial banks in The City of New York are generally open for use by customers on such day.

“Certificate of Designation” means the Certificate of Designation to be filed prior to the Closing by the Company with the Secretary of State of Delaware, in the form of Exhibit A attached hereto.

“Closing” means the closing of the purchase and sale of the Securities pursuant to Section 2.1.

“Closing Date” means the Trading Day on which all conditions precedent set forth in Section 2.3 to (i) the Purchaser’s obligations to pay the Initial Subscription Amount for the Shares and the Initial Warrants and (ii) the Company’s obligations to deliver the Shares and the Initial Warrants, in each case, have been satisfied or waived..

“Commission” means the United States Securities and Exchange Commission.

“Common Stock” means the common stock of the Company, par value \$0.0001 per share, and any other class of securities into which such securities may hereafter be reclassified or changed.

“Common Stock Equivalents” means any securities of the Company or the Subsidiaries which would entitle the holder thereof to acquire at any time Common Stock, including, without limitation, any debt, preferred stock, right, option, warrant or other instrument that is at any time convertible into or exercisable or exchangeable for, or otherwise entitles the holder thereof to receive, Common Stock.

“Company Counsel” means Baker & Hostetler LLP, with offices located at 1900 Avenue of the Stars, Suite 2700, Los Angeles, CA 90067.

“Conversion Price” shall have the meaning ascribed to such term in the Certificate of Designation.

“Conversion Shares” shall have the meaning ascribed to such term in the Certificate of Designation.

“Disclosure Schedules” shall have the meaning ascribed to such term in Section 3.1.

“Disclosure Time” means, (i) if this Agreement is signed on a day that is not a Trading Day or after 9:00 a.m. (New York City time) and before midnight (New York City time) on any Trading Day, 9:01 a.m. (New York City time) on the Trading Day immediately following the date hereof, and (ii) if this Agreement is signed between midnight (New York City time) and 9:00 a.m. (New York City time) on any Trading Day, no later than 9:01 a.m. (New York City time) on the date hereof.

“Effective Date” means the earliest of the date that (a) the initial Registration Statement has been declared effective by the Commission, (b) all of the Underlying Shares have been sold pursuant to Rule 144 or may be sold pursuant to Rule 144 without the requirement for the Company to be in compliance with the current public information required under Rule 144 and without volume or manner-of-sale restrictions, (c) immediately follows the one year anniversary of the Closing Date provided that a holder of Underlying Shares is not an Affiliate of the Company, or (d) all of the Underlying Shares may be sold pursuant to an exemption from registration under Section 4(a)(1) of the Securities Act without volume or manner-of-sale restrictions and Company Counsel has delivered to such holders a standing written unqualified opinion that resales may then be made by such holders of the Underlying Shares pursuant to such exemption which opinion shall be in form and substance reasonably acceptable to such holders.

“ELOC” means the Company’s equity line of credit facility pursuant to the Common Shares Purchase Agreement, entered into substantially contemporaneously with the date hereof, by and between the Company and Five Narrow Lane LP.

“Equity Conditions” means, during the period in question, (a) the Company shall have duly honored all conversions and exercises scheduled to occur or occurring by virtue of one or more Notices of Conversion and/or Notices of Exercise, as applicable, of the applicable Holder on or prior to the dates so requested or required, if any, (b) the Company shall have paid all liquidated damages and other amounts owing to the applicable Holder in respect of the Preferred Stock, (c)(i) the initial Registration Statement required to be filed pursuant to the Registration Rights Agreement has been declared effective by the Commission or (ii) all of the Underlying Shares issuable hereunder (and shares issuable in lieu of cash payments of dividends) may be resold pursuant to Rule 144 without volume or manner-of-sale restrictions or current public information requirements as determined by the counsel to the Company as set forth in a written opinion letter to such effect, addressed and acceptable to the Transfer Agent and the affected Holders, (d) the Common Stock is trading on a Trading Market and all of the shares issuable pursuant to the Transaction Documents are listed or quoted for trading on such Trading Market (and the Company believes, in good faith, that trading of the Common Stock on a Trading Market will continue uninterrupted for the foreseeable future and the Company is not in receipt of (x) any writing by such Trading Market to contrary or (y) any notice from the Trading Market of the Company falling below the minimum listing maintenance requirements), (e) there is a sufficient number of authorized, but unissued and otherwise unreserved, shares of Common Stock for the issuance of all of the shares then issuable pursuant to the Transaction Documents, (f) the issuance of the shares in question to the applicable Holder would not violate the limitations set forth in Section 6(d) of the Certificate of Designation, (g) the Company shall have obtained Shareholder Approval and the restrictions set forth in Section 6(e) of the Certificate of Designations shall no longer apply, (h) there has been no public announcement of a pending or proposed Fundamental Transaction that has not been consummated, (i) the applicable Holder is not in possession of any information provided by the Company, any of its Subsidiaries, or any of their officers, directors, employees, agents or Affiliates, that constitutes, or may constitute, material non-public information, (j) for each Trading Day in a period of 20 consecutive Trading Days prior to the applicable date in question, the daily trading volume for the Common Stock on the principal Trading Market exceeds \$100,000 per Trading Day, (k) the AIR Price exceeds the Floor Price, and (l) no Triggering Event (as defined in the Certificate of Designations) shall have occurred and be continuing.

“Evaluation Date” shall have the meaning ascribed to such term in Section 3.1(s).

“Exchange Act” means the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

“Exempt Issuance” means the issuance of (a) shares of Common Stock or options to employees, officers or directors of the Company pursuant to any stock or option plan duly adopted for such purpose, by a majority of the non-employee members of the Board of Directors or a majority of the members of a committee of non-employee directors established for such purpose for services rendered to the Company, or (b) securities issued pursuant to acquisitions or strategic transactions approved by a majority of the disinterested directors of the Company, provided that such securities are issued as “restricted securities” (as defined in Rule 144) and carry no registration rights that require or permit the filing of any registration statement in connection therewith during the prohibition period in Section 4.13(a) herein, and provided that any such issuance shall only be to a Person (or to the equityholders of a Person) which is, itself or through its subsidiaries, an operating company or an owner of an asset in a business synergistic with the business of the Company and shall provide to the Company additional benefits in addition to the investment of funds, but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities. For purpose of clarity, any issuances of (i) additional shares of Preferred Stock issued pursuant to the any exercise of Additional Investment Right, shares of Common Stock issuable upon conversion of the foregoing, upon adjustments to the foregoing resulting in the reduction of the Conversion Price or otherwise pursuant to the terms of the Certificate of Designations and (ii) the AIR Warrants, shares of Common Stock issuable upon exercise of the foregoing, upon adjustments to the foregoing resulting in the reduction of the Exercise Price or otherwise pursuant to the terms of such AIR Warrants, in each case of clauses (i) and (ii) of this sentence, shall not constitute an Exempt Issuance.

“FCPA” means the Foreign Corrupt Practices Act of 1977, as amended.

“Floor Price” shall have the meaning set forth in the Certificate of Designation.

“GAAP” shall have the meaning ascribed to such term in Section 3.1(h).

“Indebtedness” shall have the meaning ascribed to such term in Section 3.1(bb).

“Initial Warrants” means the Common Stock Warrants delivered to the Purchasers at the Closing in accordance with Section 2.2(a) hereof, which Common Stock Warrants shall be exercisable immediately and have a term of exercise equal to five (5) years from the Initial Closing Date, in the form of Exhibit C attached hereto.

“Initial Warrant Shares” means the shares of Common Stock issuable upon exercise of the Initial Warrants.

“Intellectual Property Rights” shall have the meaning ascribed to such term in Section 3.1(p).

“Lead Purchaser” means Five Narrow Lane L.P.

“Legend Removal Date” shall have the meaning ascribed to such term in Section 4.1(c).

“Liens” means a lien, charge, pledge, security interest, encumbrance, right of first refusal, preemptive right or other restriction.

“Material Adverse Effect” shall have the meaning assigned to such term in Section 3.1(b).

“Material Permits” shall have the meaning ascribed to such term in Section 3.1(n).

“Maximum Rate” shall have the meaning ascribed to such term in Section 5.17.

“Participation Maximum” shall have the meaning ascribed to such term in Section 4.12(a).

“Person” means an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

“Preferred Stock” means the up to [●] shares of the Company’s Series A Convertible Preferred Stock issued hereunder having the rights, preferences and privileges set forth in the Certificate of Designation, in the form of Exhibit A hereto.

“Pro Rata Portion” shall have the meaning ascribed to such term in Section 4.12(e).

“Proceeding” means an action, claim, suit, investigation or proceeding (including, without limitation, an informal investigation or partial proceeding, such as a deposition), whether commenced or threatened.

“Public Information Failure” shall have the meaning ascribed to such term in Section 4.3(b).

“Public Information Failure Payments” shall have the meaning ascribed to such term in Section 4.3(b).

“Purchaser Party” shall have the meaning ascribed to such term in Section 4.10.

“Registration Rights Agreement” means the Registration Rights Agreement, dated on or about the date hereof, among the Company and the Purchasers, in the form of Exhibit B attached hereto.

“Registration Statement” means a registration statement meeting the requirements set forth in the Registration Rights Agreement and covering the resale of the Underlying Shares by each Purchaser as provided for in the Registration Rights Agreement.

“Required Approvals” shall have the meaning ascribed to such term in Section 3.1(e).

“Required Minimum” means, as of any date, 200% of the maximum aggregate number of shares of Common Stock then issued or potentially issuable in the future pursuant to the Transaction Documents, including any Underlying Shares issuable upon exercise in full of all Warrants or conversion in full of all shares of Preferred Stock, ignoring any conversion or exercise limits set forth therein.

“Rule 144” means Rule 144 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

“Rule 424” means Rule 424 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

“SEC Reports” shall have the meaning ascribed to such term in Section 3.1(h).

“Securities” means the Preferred Stock, the Warrants, the Warrant Shares and the Underlying Shares.

“Securities Act” means the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder.

“Shares” means the shares of Preferred Stock issued by the Company to the Purchasers hereunder on the Initial Closing Date.

“Shareholder Approval” means such approval as may be required by the applicable rules and regulations of the Nasdaq Stock Market (or any successor entity) from the shareholders of the Company with respect to the transactions contemplated by the Transaction Documents, including the issuance of all of the Underlying Shares and the Dividend Conversion Shares (as defined in the Certificate of Designation) in excess of 19.99% of the issued and outstanding Common Stock on the date hereof.

“Short Sales” means all “short sales” as defined in Rule 200 of Regulation SHO under the Exchange Act (but shall not be deemed to include locating and/or borrowing shares of Common Stock).

“Stated Value” means \$1,000 per share of Preferred Stock.

“Subscription Amount” shall mean, as to each Purchaser, the aggregate amount to be paid for the Shares and the Warrants purchased hereunder as specified below such Purchaser’s name on the signature page of this Agreement and next to the heading “Initial Subscription Amount,” in United States dollars and in immediately available funds

“Subsequent Financing” shall have the meaning ascribed to such term in Section 4.12(a).

“Subsequent Financing Notice” shall have the meaning ascribed to such term in Section 4.12(b).

“Subsidiary” means any subsidiary of the Company as set forth on Schedule 3.1(a) and shall, where applicable, also include any direct or indirect subsidiary of the Company formed or acquired after the date hereof.

“Trading Day” means a day on which the principal Trading Market is open for trading.

“Trading Market” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the NYSE American, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market, the New York Stock Exchange (or any successors to any of the foregoing).

“Trading Price” means on any particular date (a) the lowest reported trading price per share of Common Stock on such date on the Trading Market (as reported by Bloomberg L.P. at 4:15 p.m. (New York City time)), (b) if there is no such price on such date, then the lowest trading price on the Trading Market on the date nearest preceding such date (as reported by Bloomberg L.P. at 4:15 p.m. (New York City time)), (c) if the Common Stock is not then listed or quoted on a Trading Market and if prices for the Common Stock are then reported on OTCQB or the OTXQX (or a similar organization or agency succeeding to its functions of reporting prices), the lowest trading price per share of the Common Stock so reported, or (d) if the shares of Common Stock are not then publicly traded the fair market value as of such date of a share of Common Stock as determined by an independent appraiser selected in good faith by the Purchasers of a majority in interest of the shares then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

“Transaction Documents” means this Agreement, the Certificate of Designation, the Warrants, the Registration Rights Agreement, the Voting Agreements, all exhibits and schedules thereto and hereto and any other documents or agreements executed in connection with the transactions contemplated hereunder.

“Transfer Agent” means Continental Stock Transfer and Trust Company, the current transfer agent of the Company, and any successor transfer agent of the Company.

“Underlying Shares” means the Conversion Shares and the Warrant Shares.

“Variable Rate Transaction” shall have the meaning ascribed to such term in Section 4.13(b).

“VWAP” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on a Trading Market, the daily volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg L.P. (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)), (b) if OTCQB Venture Market (“OTCQB”) or OTCQX Best Market (“OTCQX”) is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is not then listed or quoted for trading on OTCQB or OTCQX and if prices for the Common Stock are then reported on the Pink Open Market (“Pink Market”) operated by OTC Markets Group, Inc. (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of the Common Stock so reported, or (d) in all other cases, the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by the Company and reasonably acceptable to the Purchasers of a majority in interest of the Securities then outstanding, the fees and expenses of which shall be paid by the Company.

“Warrants” means, collectively, the Initial Warrants and any AIR Warrants.

“Warrant Shares” means, collectively, the shares of Common Stock underlying the Warrants.

ARTICLE II. PURCHASE AND SALE

2.1 Closings.

(a) On the Closing Date, upon the terms and subject to the conditions set forth herein, substantially concurrent with the execution and delivery of this Agreement by the parties hereto, the Company agrees to sell, and the Purchasers, severally and not jointly, agree to purchase (i) up to an aggregate of 5,000Shares with an aggregate Stated Value of \$5,000,000, for an aggregate Initial Subscription Amount of \$4,500,000 as set forth on the signature pages hereto executed by the Purchasers and (ii) the Initial Warrants. Each Purchaser shall deliver to the Company, via wire transfer to the bank account of the Company, immediately available funds equal to such Purchaser’s Initial Subscription Amount and the Company shall deliver to each Purchaser its respective shares of Preferred Stock and accompanying Initial Warrants, as determined pursuant to Section 2.2(a), and the Company and each Purchaser shall deliver the other items set forth in Section 2.2 deliverable at the Closing. Upon satisfaction of the covenants and conditions set forth in Section 2.3, the Closing shall take place remotely by electronic transfer of the Initial Closing documentation or such other location as the parties shall mutually agree.

2.2 Closing Deliveries.

(a) On or prior to the Initial Closing Date, the Company shall deliver or cause to be delivered to each Purchaser the following:

(i) this Agreement duly executed by the Company;

(ii) a legal opinion of Company Counsel, in customary form and reasonably acceptable to the Purchasers;

(iii) confirmation of book-entry or a certificate evidencing the applicable number of shares of Preferred Stock registered in the name of such Purchaser and evidence of the filing and acceptance of the Certificate of Designation from the Secretary of State of Delaware;

(iv) an Initial Warrant registered in the name of such Purchaser to purchase up to a number of shares of Common Stock equal to 100% of such Purchaser's shares of Common Stock underlying its Shares (assuming such Shares are converted in full without regard to any conversion limitations therein at the Conversion Price in effect as of the date of this Agreement);

(v) the Company shall have provided each Purchaser with the Company's wire instructions, on Company letterhead and executed by the Chief Executive Officer or Chief Financial Officer; and

(vi) the Registration Rights Agreement duly executed by the Company.

(b) On or prior to the Initial Closing Date, each Purchaser shall deliver or cause to be delivered to the Company, the following:

(i) this Agreement duly executed by such Purchaser;

(ii) such Purchaser's Subscription Amount by wire transfer to the account specified in writing by the Company; and

(iii) the Registration Rights Agreement duly executed by such Purchaser.

2.3 Closing Conditions.

(a) The obligations of the Company hereunder in connection with the Closing, as may be applicable, are subject to the following conditions being met:

(i) the accuracy in all material respects (or, to the extent representations or warranties are qualified by materiality, in all respects) on the Closing Date of the representations and warranties of the Purchasers contained herein (unless as of a specific date therein in which case they shall be accurate in all material respects (or, to the extent representations or warranties are qualified by materiality, in all respects) as of such date);

(ii) all obligations, covenants and agreements of each Purchaser required to be performed at or prior to the Closing Date shall have been performed; and the delivery by each Purchaser of the items set forth in Section 2.2(b);

(iii) the Company shall have received such notice of effectiveness from the Commission with regards to the effectiveness of the initial Registration Statement (which may be delivered electronically);

(iv) the Company shall have received notice from the Nasdaq Stock Market that it is in compliance with the minimum stockholders' equity requirement pursuant to the Nasdaq listing rules; and

(v) the Company shall have received the Shareholder Approval.

(b) The respective obligations of the Purchasers hereunder in connection with the Closing are subject to the following conditions being met:

(i) the accuracy in all material respects (or, to the extent representations or warranties are qualified by materiality or Material Adverse Effect, in all respects) on the Closing Date of the representations and warranties of the Company contained herein (unless as of a specific date therein in which case they shall be accurate in all material respects or, to the extent representations or warranties are qualified by materiality or Material Adverse Effect, in all respects) as of such date);

(ii) all obligations, covenants and agreements of the Company required to be performed at or prior to the Closing Date shall have been performed;

(iii) the delivery by the Company of the items set forth in Section 2.2(a) of this Agreement;

(iv) there shall have been no Material Adverse Effect with respect to the Company since the date hereof; and

(v) from the date hereof to the Closing Date, trading in the Common Stock shall not have been suspended by the Commission or the Company's principal Trading Market and, at any time prior to the Closing Date, trading in securities generally as reported by Bloomberg L.P. shall not have been suspended or limited, or minimum prices shall not have been established on securities whose trades are reported by such service, or on any Trading Market, nor shall a banking moratorium have been declared either by the United States or New York State authorities nor shall there have occurred any material outbreak or escalation of hostilities or other national or international calamity of such magnitude in its effect on, or any material adverse change in, any financial market which, in each case, in the reasonable judgment of such Purchaser, makes it impracticable or inadvisable to purchase the Securities at the Closing.

**ARTICLE III.
REPRESENTATIONS AND WARRANTIES**

3.1 Representations and Warranties of the Company. Except as set forth in the Disclosure Schedules provided with this Agreement (the “Disclosure Schedules”), which shall be deemed a part hereof and shall qualify any representation or otherwise made herein to the extent of the disclosure contained in the corresponding section of the Disclosure Schedules, the Company hereby makes the following representations and warranties to each Purchaser as of the date hereof and as of the Closing Date (unless as of a specific date therein, in which case they shall be accurate as of such date):

(a) Subsidiaries. All of the direct and indirect subsidiaries of the Company are set forth on Schedule 3.1(a). The Company owns, directly or indirectly, all of the capital stock or other equity interests of each Subsidiary free and clear of any Liens, and all of the issued and outstanding shares of capital stock of each Subsidiary are validly issued and are fully paid, non-assessable and free of preemptive and similar rights to subscribe for or purchase securities. If the Company has no subsidiaries, all other references to the Subsidiaries or any of them in the Transaction Documents shall be disregarded.

(b) Organization and Qualification. The Company and each of the Subsidiaries is an entity duly incorporated or otherwise organized, validly existing and in good standing under the laws of the jurisdiction of its incorporation or organization, with the requisite power and authority to own and use its properties and assets and to carry on its business as currently conducted. Neither the Company nor any Subsidiary is in violation nor default of any of the provisions of its respective certificate or articles of incorporation, bylaws or other organizational or charter documents. Each of the Company and the Subsidiaries is duly qualified to conduct business and is in good standing as a foreign corporation or other entity in each jurisdiction in which the nature of the business conducted or property owned by it makes such qualification necessary, except where the failure to be so qualified or in good standing, as the case may be, could not have or reasonably be expected to result in: (i) a material adverse effect on the legality, validity or enforceability of any Transaction Document, (ii) a material adverse effect on the results of operations, assets, business prospects or condition (financial or otherwise) of the Company and the Subsidiaries, taken as a whole, or (iii) a material adverse effect on the Company’s ability to perform in any material respect on a timely basis its obligations under any Transaction Document (any of (i), (ii) or (iii), a “Material Adverse Effect”) and no Proceeding has been instituted in any such jurisdiction revoking, limiting or curtailing or seeking to revoke, limit or curtail such power and authority or qualification.

(c) Authorization; Enforcement. The Company has the requisite corporate power and authority to enter into and to consummate the transactions contemplated by this Agreement and each of the other Transaction Documents and otherwise to carry out its obligations hereunder and thereunder. The execution and delivery of this Agreement and each of the other Transaction Documents by the Company and the consummation by it of the transactions contemplated hereby and thereby have been duly authorized by all necessary action on the part of the Company and no further action is required by the Company, the Board of Directors or the Company's stockholders in connection herewith or therewith other than in connection with the Required Approvals, including the Shareholder Approval. This Agreement and each other Transaction Document to which it is a party has been (or upon delivery will have been) duly executed by the Company and, when delivered in accordance with the terms hereof and thereof, will constitute the valid and binding obligation of the Company enforceable against the Company in accordance with its terms, except (i) as limited by general equitable principles and applicable bankruptcy, insolvency, reorganization, moratorium and other laws of general application affecting enforcement of creditors' rights generally, (ii) as limited by laws relating to the availability of specific performance, injunctive relief or other equitable remedies and (iii) insofar as indemnification and contribution provisions may be limited by applicable law.

(d) No Conflicts. The execution, delivery and performance by the Company of this Agreement and the other Transaction Documents to which it is a party, the issuance and sale of the Securities and the consummation by it of the transactions contemplated hereby and thereby do not and will not (i) conflict with or violate any provision of the Company's or any Subsidiary's certificate or articles of incorporation, bylaws or other organizational or charter documents, or (ii) conflict with, or constitute a default (or an event that with notice or lapse of time or both would become a default) under, result in the creation of any Lien upon any of the properties or assets of the Company or any Subsidiary, or give to others any rights of termination, amendment, anti-dilution or similar adjustments, acceleration or cancellation (with or without notice, lapse of time or both) of, any agreement, credit facility, debt or other instrument (evidencing a Company or Subsidiary debt or otherwise) or other understanding to which the Company or any Subsidiary is a party or by which any property or asset of the Company or any Subsidiary is bound or affected, or (iii) subject to the Required Approvals, conflict with or result in a violation of any law, rule, regulation, order, judgment, injunction, decree or other restriction of any court or governmental authority to which the Company or a Subsidiary is subject (including federal and state securities laws and regulations), or by which any property or asset of the Company or a Subsidiary is bound or affected; except in the case of each of clauses (ii) and (iii), such as could not have or reasonably be expected to result in a Material Adverse Effect.

(e) Filings, Consents and Approvals. The Company is not required to obtain any consent, waiver, authorization or order of, give any notice to, or make any filing or registration with, any court or other federal, state, local or other governmental authority or other Person in connection with the execution, delivery and performance by the Company of the Transaction Documents, other than: (i) the filings required pursuant to Section 4.6 of this Agreement, (ii) the filing of the Registration Statement with the Commission pursuant to the Registration Rights Agreement, (iii) the notice and/or application(s) to each applicable Trading Market for the issuance and sale of the Securities and the listing of the Underlying Shares for trading thereon in the time and manner required thereby, (iv) the filing of Form D with the Commission and such filings as are required to be made under applicable state securities laws and (v) the Shareholder Approval (collectively, the "Required Approvals").

(f) Issuance of the Securities. The Securities are duly authorized and, when issued and paid for in accordance with the applicable Transaction Documents, will be duly and validly issued, fully paid and nonassessable, free and clear of all Liens imposed by the Company other than restrictions on transfer provided for in the Transaction Documents. The Underlying Shares, when issued in accordance with the terms of the Transaction Documents, will be validly issued, fully paid and nonassessable, free and clear of all Liens imposed by the Company other than restrictions on transfer provided for in the Transaction Documents. The Company has reserved from its duly authorized capital stock a number of shares of Common Stock for issuance of the Underlying Shares at least equal to the Required Minimum on the date hereof.

(g) Capitalization. The capitalization of the Company as of the date hereof is as set forth on Schedule 3.1(g), which Schedule 3.1(g) shall also include the number of shares of Common Stock owned beneficially, and of record, by Affiliates of the Company as of the date hereof. Except as set forth on Schedule 3.1(g), the Company has not issued any capital stock since its most recently filed periodic report under the Exchange Act, other than pursuant to the exercise of employee stock incentives under the Company's stock incentive plans, the issuance of shares of Common Stock to employees pursuant to the Company's employee stock purchase plans and pursuant to the conversion and/or exercise of Common Stock Equivalents outstanding as of the date of the most recently filed periodic report under the Exchange Act. No Person has any right of first refusal, preemptive right, right of participation, or any similar right to participate in the transactions contemplated by the Transaction Documents. Except as set forth on Schedule 3.1(g), there are no outstanding options, warrants, scrip rights to subscribe to, calls or commitments of any character whatsoever relating to, or securities, rights or obligations convertible into or exercisable or exchangeable for, or giving any Person any right to subscribe for or acquire, any shares of Common Stock or the capital stock of any Subsidiary, or contracts, commitments, understandings or arrangements by which the Company or any Subsidiary is or may become bound to issue additional shares of Common Stock or Common Stock Equivalents or capital stock of any Subsidiary. The issuance and sale of the Securities will not obligate the Company or any Subsidiary to issue shares of Common Stock or other securities to any Person (other than the Purchasers). Except as set forth on Schedule 3.1(g), there are no outstanding securities or instruments of the Company or any Subsidiary with any provision that adjusts the exercise, conversion, exchange or reset price of such security or instrument upon an issuance of securities by the Company or any Subsidiary. Except as set forth on Schedule 3.1(g), there are no outstanding securities or instruments of the Company or any Subsidiary that contain any redemption or similar provisions, and there are no contracts, commitments, understandings or arrangements by which the Company or any Subsidiary is or may become bound to redeem a security of the Company or such Subsidiary. Except as set forth on Schedule 3.1(g), the Company does not have any stock appreciation rights or "phantom stock" plans or agreements or any similar plan or agreement. All of the outstanding shares of capital stock of the Company are duly authorized, validly issued, fully paid and nonassessable, have been issued in compliance with all applicable federal and state securities laws, and none of such outstanding shares was issued in violation of any preemptive rights or similar rights to subscribe for or purchase securities. Except for the Required Approvals, no further approval or authorization of any stockholder, the Board of Directors or others is required for the issuance and sale of the Securities. There are no stockholders agreements, voting agreements or other similar agreements with respect to the Company's capital stock to which the Company is a party or, to the knowledge of the Company, between or among any of the Company's stockholders.

(h) SEC Reports; Financial Statements. The Company has filed all reports, schedules, forms, statements and other documents required to be filed by the Company under the Securities Act and the Exchange Act, including pursuant to Section 13(a) or 15(d) thereof, for the two years preceding the date hereof (or such shorter period as the Company was required by law or regulation to file such material) (the foregoing materials, including the exhibits thereto and documents incorporated by reference therein, being collectively referred to herein as the "SEC Reports") on a timely basis or has received a valid extension of such time of filing and has filed any such SEC Reports prior to the expiration of any such extension. As of their respective dates, the SEC Reports complied in all material respects with the requirements of the Securities Act and the Exchange Act, as applicable, and none of the SEC Reports, when filed, contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The Company has never been an issuer subject to Rule 144(i) under the Securities Act. The financial statements of the Company included in the SEC Reports comply in all material respects with applicable accounting requirements and the rules and regulations of the Commission with respect thereto as in effect at the time of filing. Such financial statements have been prepared in accordance with United States generally accepted accounting principles applied on a consistent basis during the periods involved ("GAAP"), except as may be otherwise specified in such financial statements or the notes thereto and except that unaudited financial statements may not contain all footnotes required by GAAP, and fairly present in all material respects the financial position of the Company and its consolidated Subsidiaries as of and for the dates thereof and the results of operations and cash flows for the periods then ended, subject, in the case of unaudited statements, to normal, immaterial, year-end audit adjustments.

(i) Material Changes; Undisclosed Events, Liabilities or Developments. Since the date of the latest financial statements included within the SEC Reports, except as set forth on Schedule 3.1(i), (i) there has been no event, occurrence or development that has had or that could reasonably be expected to result in a Material Adverse Effect, (ii) the Company has not incurred any liabilities (contingent or otherwise) other than (A) trade payables and accrued expenses incurred in the ordinary course of business consistent with past practice and (B) liabilities not required to be reflected in the Company's financial statements pursuant to GAAP or disclosed in filings made with the Commission, (iii) the Company has not altered its method of accounting, (iv) the Company has not declared or made any dividend or distribution of cash or other property to its stockholders or purchased, redeemed or made any agreements to purchase or redeem any shares of its capital stock and (v) the Company has not issued any equity securities to any officer, director or Affiliate, except pursuant to existing Company stock incentive plans. The Company does not have pending before the Commission any request for confidential treatment of information. Except for the issuance of the Securities contemplated by this Agreement or as set forth on Schedule 3.1(i), to the knowledge of the Company, no event, liability, fact, circumstance, occurrence or development has occurred or exists or is reasonably expected to occur or exist with respect to the Company or its Subsidiaries or their respective businesses, properties, operations, assets or financial condition, that would be required to be disclosed by the Company under applicable securities laws at the time this representation is made or deemed made that has not been publicly disclosed at least 1 Trading Day prior to the date that this representation is made.

(j) Litigation. Except as set forth on Schedule 3.1(j), there is no action, suit, inquiry, notice of violation, proceeding or investigation pending or, to the knowledge of the Company, threatened against or affecting the Company, any Subsidiary or any of their respective properties before or by any court, arbitrator, governmental or administrative agency or regulatory authority (federal, state, county, local or foreign) (collectively, an "Action"). None of the Actions set forth on Schedule 3.1(j), (i) adversely affects or challenges the legality, validity or enforceability of any of the Transaction Documents or the Securities or (ii) could, if there were an unfavorable decision, have or reasonably be expected to result in a Material Adverse Effect. Neither the Company nor any Subsidiary, nor any director or officer thereof, is or has been the subject of any Action involving a claim of violation of or liability under federal or state securities laws or a claim of breach of fiduciary duty. There has not been, and to the knowledge of the Company, there is not pending or contemplated, any investigation by the Commission involving the Company or any current or former director or officer of the Company. The Commission has not issued any stop order or other order suspending the effectiveness of any registration statement filed by the Company or any Subsidiary under the Exchange Act or the Securities Act.

(k) Labor Relations. No labor dispute exists or, to the knowledge of the Company, is imminent with respect to any of the employees of the Company, which could reasonably be expected to result in a Material Adverse Effect. None of the Company's or its Subsidiaries' employees is a member of a union that relates to such employee's relationship with the Company or such Subsidiary, and neither the Company nor any of its Subsidiaries is a party to a collective bargaining agreement, and the Company and its Subsidiaries believe that their relationships with their employees are good. To the knowledge of the Company, no executive officer of the Company or any Subsidiary, is, or is now expected to be, in violation of any material term of any employment contract, confidentiality, disclosure or proprietary information agreement or non-competition agreement, or any other contract or agreement or any restrictive covenant in favor of any third party, and the continued employment of each such executive officer does not subject the Company or any of its Subsidiaries to any liability with respect to any of the foregoing matters. The Company and its Subsidiaries are in compliance with all applicable U.S. federal, state, local and foreign laws and regulations relating to employment and employment practices, terms and conditions of employment and wages and hours, except where the failure to be in compliance could not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

(l) Compliance. Neither the Company nor any Subsidiary: (i) is in default under or in violation of (and no event has occurred that has not been waived that, with notice or lapse of time or both, would result in a default by the Company or any Subsidiary under), nor has the Company or any Subsidiary received notice of a claim that it is in default under or that it is in violation of, any indenture, loan or credit agreement or any other agreement or instrument to which it is a party or by which it or any of its properties is bound (whether or not such default or violation has been waived), (ii) is in violation of any judgment, decree or order of any court, arbitrator or other governmental authority or (iii) is or has been in violation of any applicable statute, rule, ordinance or regulation of any governmental authority, including without limitation all foreign, federal, state and local laws relating to taxes, environmental protection, occupational health and safety, product quality and safety and employment and labor matters, except in each case as could not have or reasonably be expected to result in a Material Adverse Effect.

(m) Environmental Laws. The Company and its Subsidiaries (i) are in compliance with all applicable federal, state, local and foreign laws relating to pollution or protection of human health or the environment (including ambient air, surface water, groundwater, land surface or subsurface strata), including laws relating to emissions, discharges, releases or threatened releases of chemicals, pollutants, contaminants, or toxic or hazardous substances or wastes (collectively, "Hazardous Materials") into the environment, or otherwise relating to the manufacture, processing, distribution, use, treatment, storage, disposal, transport or handling of Hazardous Materials, as well as all authorizations, codes, decrees, demands, or demand letters, injunctions, judgments, licenses, notices or notice letters, orders, permits, plans or regulations, issued, entered, promulgated or approved thereunder ("Environmental Laws"); (ii) have received all permits licenses or other approvals required of them under applicable Environmental Laws to conduct their respective businesses; and (iii) are in compliance with all terms and conditions of any such permit, license or approval where in each clause (i), (ii) and (iii), the failure to so comply could be reasonably expected to have, individually or in the aggregate, a Material Adverse Effect.

(n) Regulatory Permits. The Company and the Subsidiaries possess all certificates, authorizations and permits issued by the appropriate federal, state, local or foreign regulatory authorities necessary to conduct their respective businesses as described in the SEC Reports, except where the failure to possess such permits could not reasonably be expected to result in a Material Adverse Effect ("Material Permits"), and neither the Company nor any Subsidiary has received any notice of proceedings relating to the revocation or modification of any Material Permit.

(o) Title to Assets. The Company and the Subsidiaries have good and marketable title in fee simple to all real property owned by them and good and marketable title in all personal property owned by them that is material to the business of the Company and the Subsidiaries, in each case free and clear of all Liens, except for (i) Liens as do not materially affect the value of such property and do not materially interfere with the use made and proposed to be made of such property by the Company and the Subsidiaries and (ii) Liens for the payment of federal, state or other taxes, for which appropriate reserves have been made therefor in accordance with GAAP and, the payment of which is neither delinquent nor subject to penalties. Any real property and facilities held under lease by the Company and the Subsidiaries are held by them under valid, subsisting and enforceable leases with which the Company and the Subsidiaries are in compliance, except as would not have or reasonably be expected to result in a Material Adverse Effect.

(p) Intellectual Property. The Company and the Subsidiaries have, or have rights to use, all patents, patent applications, trademarks, trademark applications, service marks, trade names, trade secrets, inventions, copyrights, licenses and other intellectual property rights and similar rights necessary or required for use in connection with their respective businesses as described in the SEC Reports and which the failure to so have would reasonably be expected to have a Material Adverse Effect (collectively, the “Intellectual Property Rights”). None of, and neither the Company nor any Subsidiary has received a notice (written or otherwise) that any of, the Intellectual Property Rights has expired, terminated or been abandoned, or is expected to expire or terminate or be abandoned, within two (2) years from the date of this Agreement. Neither the Company nor any Subsidiary has received, since the date of the latest audited financial statements included within the SEC Reports, a written notice of a claim or otherwise has any knowledge that the Intellectual Property Rights violate or infringe upon the rights of any Person, except as could not have or reasonably be expected to not have a Material Adverse Effect. To the knowledge of the Company, all such Intellectual Property Rights are enforceable and there is no existing infringement by another Person of any of the Intellectual Property Rights. The Company and its Subsidiaries have taken reasonable security measures to protect the secrecy, confidentiality and value of all of their intellectual properties, except where failure to do so could not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

(q) Insurance. The Company and the Subsidiaries are insured by insurers of recognized financial responsibility against such losses and risks and in such amounts as are prudent and customary in the businesses in which the Company and the Subsidiaries are engaged, including, but not limited to, directors and officers insurance coverage at least equal to the aggregate Subscription Amount. Neither the Company nor any Subsidiary has any reason to believe that it will not be able to renew its existing insurance coverage as and when such coverage expires or to obtain similar coverage from similar insurers as may be necessary to continue its business without a significant increase in cost.

(r) Transactions with Affiliates and Employees. Except as set forth in the SEC Reports or on Schedule 3.1(r), none of the officers or directors of the Company or any Subsidiary and, to the knowledge of the Company, none of the employees of the Company or any Subsidiary is presently a party to any transaction with the Company or any Subsidiary (other than for services as employees, officers and directors), including any contract, agreement or other arrangement providing for the furnishing of services to or by, providing for rental of real or personal property to or from, providing for the borrowing of money from or lending of money to or otherwise requiring payments to or from any officer, director or such employee or, to the knowledge of the Company, any entity in which any officer, director, or any such employee has a substantial interest or is an officer, director, trustee, stockholder, member or partner, in each case in excess of \$120,000 other than for (i) payment of salary or consulting fees for services rendered, (ii) reimbursement for expenses incurred on behalf of the Company and (iii) other employee benefits, including stock option agreements under any stock incentive plan of the Company.

(s) Sarbanes-Oxley; Internal Accounting Controls. The Company and the Subsidiaries are in compliance with any and all applicable requirements of the Sarbanes-Oxley Act of 2002, as amended that are effective as of the date hereof, and any and all applicable rules and regulations promulgated by the Commission thereunder that are effective as of the date hereof and as of the Closing Date. The Company and the Subsidiaries maintain a system of internal accounting controls sufficient to provide reasonable assurance that: (i) transactions are executed in accordance with management's general or specific authorizations, (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain asset accountability, (iii) access to assets is permitted only in accordance with management's general or specific authorization, and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences. The Company and the Subsidiaries have established disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the Company and the Subsidiaries and designed such disclosure controls and procedures to ensure that information required to be disclosed by the Company in the reports it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the Commission's rules and forms. The Company's certifying officers have evaluated the effectiveness of the disclosure controls and procedures of the Company and the Subsidiaries as of the end of the period covered by the most recently filed periodic report under the Exchange Act (such date, the "Evaluation Date"). The Company presented in its most recently filed periodic report under the Exchange Act the conclusions of the certifying officers about the effectiveness of the disclosure controls and procedures based on their evaluations as of the Evaluation Date. Since the Evaluation Date, there have been no changes in the internal control over financial reporting (as such term is defined in the Exchange Act) of the Company and its Subsidiaries that have materially affected, or is reasonably likely to materially affect, the internal control over financial reporting of the Company and its Subsidiaries.

(t) Certain Fees. Except for fees payable by the Company as set forth on Schedule 3.1(t), no brokerage or finder's fees or commissions are or will be payable by the Company or any Subsidiary to any broker, financial advisor or consultant, finder, placement agent, investment banker, bank or other Person with respect to the transactions contemplated by the Transaction Documents. The Purchasers shall have no obligation with respect to any fees or with respect to any claims made by or on behalf of other Persons for fees of a type contemplated in this Section that may be due in connection with the transactions contemplated by the Transaction Documents.

(u) Private Placement. Assuming the accuracy of the Purchasers' representations and warranties set forth in Section 3.2, no registration under the Securities Act is required for the offer and sale of the Securities by the Company to the Purchasers as contemplated hereby. The issuance and sale of the Securities hereunder does not contravene the rules and regulations of the Trading Market.

(v) Investment Company. The Company is not, and is not an Affiliate of, and immediately after receipt of payment for the Securities, will not be or be an Affiliate of, an “investment company” within the meaning of the Investment Company Act of 1940, as amended. The Company shall conduct its business in a manner so that it will not become an “investment company” subject to registration under the Investment Company Act of 1940, as amended.

(w) Registration Rights. Other than the rights of the Purchasers set forth in the Registration Rights Agreement and as set forth on Schedule 3.1(w), no Person has any right to cause the Company or any Subsidiary to effect the registration under the Securities Act of any securities of the Company or any Subsidiary.

(x) Listing and Maintenance Requirements. The Common Stock is registered pursuant to Section 12(b) or 12(g) of the Exchange Act, and the Company has taken no action designed to, or which to its knowledge is likely to have the effect of, terminating the registration of the Common Stock under the Exchange Act nor has the Company received any notification that the Commission is contemplating terminating such registration. Except as set forth on Schedule 3.1(x), the Company has not, in the 12 months preceding the date hereof, received notice from any Trading Market on which the Common Stock is or has been listed or quoted to the effect that the Company is not in compliance with the listing or maintenance requirements of such Trading Market. Except as set forth on Schedule 3.1(x), Company is, and has no reason to believe that it will not in the foreseeable future continue to be, in compliance with all such listing and maintenance requirements. The Common Stock is currently eligible for electronic transfer through the Depository Trust Company or another established clearing corporation and the Company is current in payment of the fees to the Depository Trust Company (or such other established clearing corporation) in connection with such electronic transfer.

(y) Application of Takeover Protections. The Company and the Board of Directors have taken all necessary action, if any, in order to render inapplicable any control share acquisition, business combination, poison pill (including any distribution under a rights agreement) or other similar anti-takeover provision under the Company’s certificate of incorporation (or similar charter documents) or the laws of its state of incorporation that is or could become applicable to the Purchasers as a result of the Purchasers and the Company fulfilling their obligations or exercising their rights under the Transaction Documents, including without limitation as a result of the Company’s issuance of the Securities and the Purchasers’ ownership of the Securities.

(z) Disclosure. Except with respect to the material terms and conditions of the transactions contemplated by the Transaction Documents, the Company confirms that neither it nor, to the Company’s knowledge, any other Person acting on its behalf has provided any of the Purchasers or their agents or counsel with any information that it believes constitutes or might constitute material, non-public information. The Company understands and confirms that the Purchasers will rely on the foregoing representation in effecting transactions in securities of the Company. All of the disclosure furnished by or on behalf of the Company to the Purchasers regarding the Company and its Subsidiaries, their respective businesses and the transactions contemplated hereby, including the Disclosure Schedules to this Agreement, is true and correct in all material respects and does not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements made therein, in the light of the circumstances under which they were made, not materially misleading. The press releases disseminated by the Company during the twelve months preceding the date of this Agreement taken as a whole with the SEC Reports, do not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made and when made, not materially misleading. The Company acknowledges and agrees that no Purchaser makes or has made any representations or warranties with respect to the transactions contemplated hereby other than those specifically set forth in Section 3.2 hereof.

(aa) No Integrated Offering. Assuming the accuracy of the Purchasers' representations and warranties set forth in Section 3.2, neither the Company, nor any of its Affiliates, nor any Person acting on its or their behalf has, directly or indirectly, made any offers or sales of any security or solicited any offers to buy any security, under circumstances that would cause this offering of the Securities to be integrated with prior offerings by the Company for purposes of (i) the Securities Act which would require the registration of any such securities under the Securities Act, or (ii) any applicable shareholder approval provisions of any Trading Market on which any of the securities of the Company are listed or designated.

(bb) Solvency. Based on the consolidated financial condition of the Company as of the Closing Date, after giving effect to the receipt by the Company of the proceeds from the sale of the Securities hereunder (i) the fair saleable value of the Company's assets exceeds the amount that will be required to be paid on or in respect of the Company's existing debts and other liabilities (including known contingent liabilities) as they mature, (ii) the Company's assets do not constitute unreasonably small capital to carry on its business as now conducted and as proposed to be conducted including its capital needs taking into account the particular capital requirements of the business conducted by the Company, consolidated and projected capital requirements and capital availability thereof, and (iii) the current cash flow of the Company, together with the proceeds the Company would receive, were it to liquidate all of its assets, after taking into account all anticipated uses of the cash, would be sufficient to pay all amounts on or in respect of its liabilities when such amounts are required to be paid. The Company does not intend to incur debts beyond its ability to pay such debts as they mature (taking into account the timing and amounts of cash to be payable on or in respect of its debt). The Company has no knowledge of any facts or circumstances which lead it to believe that it will file for reorganization or liquidation under the bankruptcy or reorganization laws of any jurisdiction within one year from the Closing Date. Schedule 3.1(bb) sets forth as of the date hereof all outstanding secured and unsecured Indebtedness of the Company or any Subsidiary, or for which the Company or any Subsidiary has commitments. For the purposes of this Agreement, "Indebtedness" means (x) any liabilities for borrowed money or amounts owed in excess of \$50,000 (other than trade accounts payable incurred in the ordinary course of business), (y) all guaranties, endorsements and other contingent obligations in respect of indebtedness of others, whether or not the same are or should be reflected in the Company's consolidated balance sheet (or the notes thereto), except guaranties by endorsement of negotiable instruments for deposit or collection or similar transactions in the ordinary course of business; and (z) the present value of any lease payments in excess of \$50,000 due under leases required to be capitalized in accordance with GAAP. Neither the Company nor any Subsidiary is in default with respect to any Indebtedness.

(cc) Tax Status. Except for matters that would not, individually or in the aggregate, have or reasonably be expected to result in a Material Adverse Effect, the Company and its Subsidiaries each (i) has made or filed all United States federal, state and local income and all foreign income and franchise tax returns, reports and declarations required by any jurisdiction to which it is subject, (ii) has paid all taxes and other governmental assessments and charges that are material in amount, shown or determined to be due on such returns, reports and declarations and (iii) has set aside on its books provision reasonably adequate for the payment of all material taxes for periods subsequent to the periods to which such returns, reports or declarations apply. There are no unpaid taxes in any material amount claimed to be due by the taxing authority of any jurisdiction, and the officers of the Company or of any Subsidiary know of no basis for any such claim.

(dd) No General Solicitation. Neither the Company nor any Person acting on behalf of the Company has offered or sold any of the Securities by any form of general solicitation or general advertising. The Company has offered the Securities for sale only to the Purchasers and certain other “accredited investors” within the meaning of Rule 501 under the Securities Act.

(ee) Foreign Corrupt Practices. Neither the Company nor any Subsidiary, nor to the knowledge of the Company or any Subsidiary, any agent or other person acting on behalf of the Company or any Subsidiary, has (i) directly or indirectly, used any funds for unlawful contributions, gifts, entertainment or other unlawful expenses related to foreign or domestic political activity, (ii) made any unlawful payment to foreign or domestic government officials or employees or to any foreign or domestic political parties or campaigns from corporate funds, (iii) failed to disclose fully any contribution made by the Company or any Subsidiary (or made by any person acting on its behalf of which the Company is aware) which is in violation of law or (iv) violated in any material respect any provision of FCPA.

(ff) Accountants. The Company’s accounting firm is set forth on Schedule 3.1(ff) of the Disclosure Schedules. To the knowledge and belief of the Company, such accounting firm (i) is a registered public accounting firm as required by the Exchange Act and (ii) shall express its opinion with respect to the financial statements to be included in the Company’s Annual Report for the fiscal year end.

(gg) Seniority. Other than as set forth on Schedule (gg), as of the Closing Date, no Indebtedness or other claim against the Company is senior to the Preferred Stock in right of payment, whether with respect to interest or upon liquidation or dissolution, or otherwise, other than indebtedness secured by purchase money security interests (which is senior only as to underlying assets covered thereby) and capital lease obligations (which is senior only as to the property covered thereby).

(hh) No Disagreements with Accountants and Lawyers. There are no disagreements of any kind presently existing, or reasonably anticipated by the Company to arise, between the Company and the accountants and lawyers formerly or presently employed by the Company and the Company is current with respect to any fees owed to its accountants and lawyers which could affect the Company's ability to perform any of its obligations under any of the Transaction Documents.

(ii) Acknowledgment Regarding Purchasers' Purchase of Securities. The Company acknowledges and agrees that each of the Purchasers is acting solely in the capacity of an arm's length purchaser with respect to the Transaction Documents and the transactions contemplated thereby. The Company further acknowledges that no Purchaser is acting as a financial advisor or fiduciary of the Company (or in any similar capacity) with respect to the Transaction Documents and the transactions contemplated thereby and any advice given by any Purchaser or any of their respective representatives or agents in connection with the Transaction Documents and the transactions contemplated thereby is merely incidental to the Purchasers' purchase of the Securities. The Company further represents to each Purchaser that the Company's decision to enter into this Agreement and the other Transaction Documents has been based solely on the independent evaluation of the transactions contemplated hereby by the Company and its representatives.

(jj) Acknowledgment Regarding Purchaser's Trading Activity. Anything in this Agreement or elsewhere herein to the contrary notwithstanding (except for Sections 3.2(g) and 4.15 hereof), it is understood and acknowledged by the Company that: (i) none of the Purchasers has been asked by the Company to agree, nor has any Purchaser agreed, to desist from purchasing or selling, long and/or short, securities of the Company, or "derivative" securities based on securities issued by the Company or to hold the Securities for any specified term, (ii) past or future open market or other transactions by any Purchaser, specifically including, without limitation, Short Sales or "derivative" transactions, before or after the closing of this or future private placement transactions, may negatively impact the market price of the Company's publicly-traded securities, (iii) any Purchaser, and counter-parties in "derivative" transactions to which any such Purchaser is a party, directly or indirectly, may presently have a "short" position in the Common Stock and (iv) each Purchaser shall not be deemed to have any affiliation with or control over any arm's length counter-party in any "derivative" transaction. The Company further understands and acknowledges that (y) one or more Purchasers may engage in hedging activities at various times during the period that the Securities are outstanding, including, without limitation, during the periods that the value of the Underlying Shares deliverable with respect to Securities are being determined, and (z) such hedging activities (if any) could reduce the value of the existing stockholders' equity interests in the Company at and after the time that the hedging activities are being conducted. The Company acknowledges that such aforementioned hedging activities do not constitute a breach of any of the Transaction Documents.

(kk) Regulation M Compliance. The Company has not, and to its knowledge no one acting on its behalf has, (i) taken, directly or indirectly, any action designed to cause or to result in the stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of any of the Securities, (ii) sold, bid for, purchased, or paid any compensation for soliciting purchases of, any of the Securities, or (iii) paid or agreed to pay to any Person any compensation for soliciting another to purchase any other securities of the Company, other than, in the case of clauses (ii) and (iii), compensation paid to any agent in connection with the placement of the Securities.

(ll) Reserved.

(mm) Stock Incentive Plans. Each stock incentive granted by the Company under any of the Company's stock incentive plans was granted (i) in accordance with the terms of the applicable stock incentive plan and (ii) with an exercise price at least equal to the fair market value of the Common Stock on the date such stock incentive would be considered granted under GAAP and applicable law. No stock option granted under any of the Company's stock incentive plans has been backdated. The Company has not knowingly granted, and there is no and has been no Company policy or practice to knowingly grant, stock options prior to, or otherwise knowingly coordinate the grant of stock options with, the release or other public announcement of material information regarding the Company or its Subsidiaries or their financial results or prospects.

(nn) Cybersecurity. (i)(x) There has been no security breach or other compromise of or relating to any of the Company's or any Subsidiary's information technology and computer systems, networks, hardware, software, data (including the data of its respective customers, employees, suppliers, vendors and any third party data maintained by or on behalf of it), equipment or technology (collectively, "IT Systems and Data") and (y) the Company and the Subsidiaries have not been notified of, and have no knowledge of any event or condition that would reasonably be expected to result in, any security breach or other compromise to their IT Systems and Data; (ii) the Company and the Subsidiaries are presently in compliance with all applicable laws or statutes and all judgments, orders, rules and regulations of any court or arbitrator or governmental or regulatory authority, internal policies and contractual obligations relating to the privacy and security of IT Systems and Data and to the protection of such IT Systems and Data from unauthorized use, access, misappropriation or modification, except as would not, individually or in the aggregate, have a Material Adverse Effect; (iii) the Company and the Subsidiaries have implemented and maintained commercially reasonable safeguards to maintain and protect their material confidential information and the integrity, continuous operation, redundancy and security of all IT Systems and Data; and (iv) the Company and the Subsidiaries have implemented backup and disaster recovery technology consistent with industry standards and practices.

(oo) Compliance with Data Privacy Laws. (i) The Company and the Subsidiaries are, and at all times during the last three (3) years were, in material compliance with all applicable state, federal and foreign data privacy and security laws and regulations, including, without limitation, the European Union General Data Protection Regulation ("GDPR") (EU 2016/679) (collectively, "Privacy Laws"); (ii) the Company and the Subsidiaries have in place, comply with, and take appropriate steps reasonably designed to ensure compliance with their policies and procedures relating to data privacy and security and the collection, storage, use, disclosure, handling and analysis of Personal Data (as defined below) (the "Policies"); (iii) the Company provides accurate notice of its applicable Policies to its customers, employees, third party vendors and representatives as required by the Privacy Laws; and (iv) applicable Policies provide accurate and sufficient notice of the Company's then-current privacy practices relating to its subject matter, and do not contain any material omissions of the Company's then-current privacy practices, as required by Privacy Laws. "Personal Data" means (i) a natural person's name, street address, telephone number, email address, photograph, social security number, bank information, or customer or account number; (ii) any information which would qualify as "personally identifying information" under the Federal Trade Commission Act, as amended; (iii) "personal data" as defined by GDPR; and (iv) any other piece of information that allows the identification of such natural person, or his or her family, or permits the collection or analysis of any identifiable data related to an identified person's health or sexual orientation. (i) None of such disclosures made or contained in any of the Policies have been inaccurate, misleading, or deceptive in violation of any Privacy Laws and (ii) the execution, delivery and performance of the Transaction Documents will not result in a breach of any Privacy Laws or Policies. Neither the Company nor the Subsidiaries (A) to the knowledge of the Company, has received written notice of any actual or potential liability of the Company or the Subsidiaries under, or actual or potential violation by the Company or the Subsidiaries of, any of the Privacy Laws; (B) is currently conducting or paying for, in whole or in part, any investigation, remediation or other corrective action pursuant to any regulatory request or demand pursuant to any Privacy Law; or (C) is a party to any order, decree, or agreement by or with any court or arbitrator or governmental or regulatory authority that imposed any obligation or liability under any Privacy Law.

(pp) Office of Foreign Assets Control. Neither the Company nor any Subsidiary nor, to the Company's knowledge, any director, officer, agent, employee or affiliate of the Company or any Subsidiary is currently subject to any U.S. sanctions administered by the Office of Foreign Assets Control of the U.S. Treasury Department ("OFAC").

(qq) U.S. Real Property Holding Corporation. The Company is not and has never been a U.S. real property holding corporation within the meaning of Section 897 of the Internal Revenue Code of 1986, as amended, and the Company shall so certify upon Purchaser's request.

(rr) Bank Holding Company Act. Neither the Company nor any of its Subsidiaries or Affiliates is subject to the Bank Holding Company Act of 1956, as amended (the "BHCA") and to regulation by the Board of Governors of the Federal Reserve System (the "Federal Reserve"). Neither the Company nor any of its Subsidiaries or Affiliates owns or controls, directly or indirectly, five percent (5%) or more of the outstanding shares of any class of voting securities or twenty-five percent or more of the total equity of a bank or any entity that is subject to the BHCA and to regulation by the Federal Reserve. Neither the Company nor any of its Subsidiaries or Affiliates exercises a controlling influence over the management or policies of a bank or any entity that is subject to the BHCA and to regulation by the Federal Reserve.

(ss) Money Laundering. The operations of the Company and its Subsidiaries are and have been conducted at all times in compliance with applicable financial record-keeping and reporting requirements of the Currency and Foreign Transactions Reporting Act of 1970, as amended, applicable money laundering statutes and applicable rules and regulations thereunder (collectively, the “Money Laundering Laws”), and no Action or Proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company or any Subsidiary with respect to the Money Laundering Laws is pending or, to the knowledge of the Company or any Subsidiary, threatened.

(tt) No Disqualification Events. With respect to the Securities to be offered and sold hereunder in reliance on Rule 506 under the Securities Act, none of the Company, any of its predecessors, any affiliated issuer, any director, executive officer, other officer of the Company participating in the offering hereunder, any beneficial owner of 20% or more of the Company’s outstanding voting equity securities, calculated on the basis of voting power, nor any promoter (as that term is defined in Rule 405 under the Securities Act) connected with the Company in any capacity at the time of sale (each, an “Issuer Covered Person” and, together, “Issuer Covered Persons”) is subject to any of the “Bad Actor” disqualifications described in Rule 506(d)(1)(i) to (viii) under the Securities Act (a “Disqualification Event”), except for a Disqualification Event covered by Rule 506(d)(2) or (d)(3). The Company has exercised reasonable care to determine whether any Issuer Covered Person is subject to a Disqualification Event. The Company has complied, to the extent applicable, with its disclosure obligations under Rule 506(e), and has furnished to the Purchasers a copy of any disclosures provided thereunder.

(uu) Other Covered Persons. The Company is not aware of any person (other than any Issuer Covered Person) that has been or will be paid (directly or indirectly) remuneration for solicitation of purchasers in connection with the sale of any Securities.

(vv) Notice of Disqualification Events. The Company will notify the Purchasers in writing, prior to the Closing Date of (i) any Disqualification Event relating to any Issuer Covered Person and (ii) any event that would, with the passage of time, become a Disqualification Event relating to any Issuer Covered Person.

3.2 Representations and Warranties of the Purchasers. Each Purchaser, for itself and for no other Purchaser, hereby represents and warrants as of the date hereof and as of the Closing Date to the Company as follows (unless as of a specific date therein, in which case they shall be accurate as of such date):

(a) Organization; Authority. Such Purchaser is either an individual or an entity duly incorporated or formed, validly existing and in good standing under the laws of the jurisdiction of its incorporation or formation with full right, corporate, partnership, limited liability company or similar power and authority to enter into and to consummate the transactions contemplated by the Transaction Documents and otherwise to carry out its obligations hereunder and thereunder. The execution and delivery of the Transaction Documents and performance by such Purchaser of the transactions contemplated by the Transaction Documents have been duly authorized by all necessary corporate, partnership, limited liability company or similar action, as applicable, on the part of such Purchaser. Each Transaction Document to which it is a party has been duly executed by such Purchaser, and when delivered by such Purchaser in accordance with the terms hereof, will constitute the valid and legally binding obligation of such Purchaser, enforceable against it in accordance with its terms, except (i) as limited by general equitable principles and applicable bankruptcy, insolvency, reorganization, moratorium and other laws of general application affecting enforcement of creditors’ rights generally, (ii) as limited by laws relating to the availability of specific performance, injunctive relief or other equitable remedies and (iii) insofar as indemnification and contribution provisions may be limited by applicable law.

(b) Own Account. Such Purchaser understands that the Securities are “restricted securities” and have not been registered under the Securities Act or any applicable state securities law and is acquiring the Securities as principal for its own account and not with a view to or for distributing or reselling such Securities or any part thereof in violation of the Securities Act or any applicable state securities law, has no present intention of distributing any of such Securities in violation of the Securities Act or any applicable state securities law and has no direct or indirect arrangement or understandings with any other persons to distribute or regarding the distribution of such Securities in violation of the Securities Act or any applicable state securities law (this representation and warranty not limiting such Purchaser’s right to sell the Securities pursuant to the Registration Statement or otherwise in compliance with applicable federal and state securities laws). Such Purchaser is acquiring the Securities hereunder in the ordinary course of its business.

(c) Purchaser Status. At the time such Purchaser was offered the Securities, it was, and as of the date hereof it is, and on each date on which it exercises any Warrants or converts any shares of Preferred Stock, it will be an “accredited investor” as defined in Rule 501(a)(1), (a)(2), (a)(3), (a)(7), (a)(8), (a)(9), (a)(12), or (a)(13) under the Securities Act. The information set forth on the signature page hereto regarding such Purchaser is true and complete in all respects.

(d) Experience of Such Purchaser. Such Purchaser, either alone or together with its representatives, has such knowledge, sophistication and experience in business and financial matters so as to be capable of evaluating the merits and risks of the prospective investment in the Securities, and has so evaluated the merits and risks of such investment. Such Purchaser is able to bear the economic risk of an investment in the Securities and, at the present time, is able to afford a complete loss of such investment.

(e) General Solicitation. Such Purchaser is not, to such Purchaser’s knowledge, purchasing the Securities as a result of any advertisement, article, notice or other communication regarding the Securities published in any newspaper, magazine or similar media or broadcast over television or radio or presented at any seminar or, to the knowledge of such Purchaser, any other general solicitation or general advertisement.

(f) Access to Information. Such Purchaser acknowledges that it has had the opportunity to review the Transaction Documents (including all exhibits and schedules thereto) and the SEC Reports and has been afforded (i) the opportunity to ask such questions as it has deemed necessary of, and to receive answers from, representatives of the Company concerning the terms and conditions of the offering of the Securities and the merits and risks of investing in the Securities; (ii) access to information about the Company and its financial condition, results of operations, business, properties, management and prospects sufficient to enable it to evaluate its investment; and (iii) the opportunity to obtain such additional information that the Company possesses or can acquire without unreasonable effort or expense that is necessary to make an informed investment decision with respect to the investment.

(g) Certain Transactions and Confidentiality. Other than consummating the transactions contemplated hereunder, such Purchaser has not, nor has any Person acting on behalf of or pursuant to any understanding with such Purchaser, directly or indirectly executed any purchases or sales, including Short Sales, of the securities of the Company during the period commencing as of the time that such Purchaser first received a term sheet (written or oral) from the Company or any other Person representing the Company setting forth the material terms of the transactions contemplated hereunder and ending immediately prior to the execution hereof. Notwithstanding the foregoing, in the case of a Purchaser that is a multi-managed investment vehicle whereby separate portfolio managers manage separate portions of such Purchaser's assets and the portfolio managers have no direct knowledge of the investment decisions made by the portfolio managers managing other portions of such Purchaser's assets, the representation set forth above shall only apply with respect to the portion of assets managed by the portfolio manager that made the investment decision to purchase the Securities covered by this Agreement. Other than to other Persons party to this Agreement or to such Purchaser's representatives, including, without limitation, its officers, directors, partners, legal and other advisors, employees, agents and Affiliates, such Purchaser has maintained the confidentiality of all disclosures made to it in connection with this transaction (including the existence and terms of this transaction). Notwithstanding the foregoing, for the avoidance of doubt, nothing contained herein shall constitute a representation or warranty, or preclude any actions, with respect to locating or borrowing shares in order to effect Short Sales or similar transactions in the future.

The Company acknowledges and agrees that the representations contained in this Section 3.2 shall not modify, amend or affect such Purchaser's right to rely on the Company's representations and warranties contained in this Agreement or any representations and warranties contained in any other Transaction Document or any other document or instrument executed and/or delivered in connection with this Agreement or the consummation of the transactions contemplated hereby. Notwithstanding the foregoing, for the avoidance of doubt, nothing contained herein shall constitute a representation or warranty, or preclude any actions, with respect to locating or borrowing shares in order to effect Short Sales or similar transactions in the future.

ARTICLE IV. OTHER AGREEMENTS OF THE PARTIES

4.1 Transfer Restrictions

(a) The Securities may only be disposed of in compliance with state and federal securities laws. In connection with any transfer of Securities other than pursuant to an effective registration statement or Rule 144, to the Company or to an Affiliate of a Purchaser or in connection with a pledge as contemplated in Section 4.1(b), the Company may require the transferor thereof to provide to the Company an opinion of counsel selected by the transferor and reasonably acceptable to the Company, the form and substance of which opinion shall be reasonably satisfactory to the Company, to the effect that such transfer does not require registration of such transferred Securities under the Securities Act. As a condition of transfer, any such transferee shall agree in writing to be bound by the terms of this Agreement and the Registration Rights Agreement and shall have the rights and obligations of a Purchaser under this Agreement and the Registration Rights Agreement.

(b) The Purchasers agree to the imprinting, so long as is required by this Section 4.1, of a legend on any of the Securities in the following form:

[NEITHER] THIS SECURITY [NOR THE SECURITIES INTO WHICH THIS SECURITY IS [EXERCISABLE] [CONVERTIBLE]] HAS [NOT] BEEN REGISTERED WITH THE SECURITIES AND EXCHANGE COMMISSION OR THE SECURITIES COMMISSION OF ANY STATE IN RELIANCE UPON AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE “SECURITIES ACT”), AND, ACCORDINGLY, MAY NOT BE OFFERED OR SOLD EXCEPT PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT UNDER THE SECURITIES ACT OR PURSUANT TO AN AVAILABLE EXEMPTION FROM, OR IN A TRANSACTION NOT SUBJECT TO, THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT AND IN ACCORDANCE WITH APPLICABLE STATE SECURITIES LAWS. THIS SECURITY [AND THE SECURITIES ISSUABLE UPON [EXERCISE] [CONVERSION] OF THIS SECURITY] MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT WITH A REGISTERED BROKER-DEALER OR OTHER LOAN WITH A FINANCIAL INSTITUTION THAT IS AN “ACCREDITED INVESTOR” AS DEFINED IN RULE 501(a) UNDER THE SECURITIES ACT OR OTHER LOAN SECURED BY SUCH SECURITIES.

The Company acknowledges and agrees that a Purchaser may from time to time pledge pursuant to a bona fide margin agreement with a registered broker-dealer or grant a security interest in some or all of the Securities to a financial institution that is an “accredited investor” as defined in Rule 501(a) under the Securities Act and, if required under the terms of such arrangement, such Purchaser may transfer pledged or secured Securities to the pledgees or secured parties. Such a pledge or transfer would not be subject to approval of the Company and no legal opinion of legal counsel of the pledgee, secured party or pledgor shall be required in connection therewith. Further, no notice shall be required of such pledge. At the appropriate Purchaser’s expense, the Company will execute and deliver such reasonable documentation as a pledgee or secured party of Securities may reasonably request in connection with a pledge or transfer of the Securities, including, if the Securities are subject to registration pursuant to the Registration Rights Agreement, the preparation and filing of any required prospectus supplement under Rule 424(b)(3) under the Securities Act or other applicable provision of the Securities Act to appropriately amend the list of Selling Stockholders (as defined in the Registration Rights Agreement) thereunder.

(c) Certificates evidencing the Underlying Shares shall not contain any legend (including the legend set forth in Section 4.1(b) hereof): (i) while a registration statement (including the Registration Statement) covering the resale of such security is effective under the Securities Act, (ii) following any sale of such Underlying Shares pursuant to Rule 144 (assuming cashless exercise of the Warrants), (iii) if such Underlying Shares are eligible for sale under Rule 144 (assuming cashless exercise of the Warrants), without the requirement for the Company to be in compliance with the current public information required under Rule 144 as to such Underlying Shares and without volume or manner-of-sale restrictions or (iv) if such legend is not required under applicable requirements of the Securities Act (including judicial interpretations and pronouncements issued by the staff of the Commission). The Company shall cause its counsel to issue a legal opinion to the Transfer Agent or the Purchaser promptly after the Effective Date if required by the Transfer Agent to effect the removal of the legend hereunder, or if requested by a Purchaser, respectively. If all or any shares of Preferred Stock are converted or any portion of a Warrant is exercised at a time when there is an effective registration statement to cover the resale of the Underlying Shares, or if such Underlying Shares may be sold under Rule 144 and the Company is then in compliance with the current public information required under Rule 144, or if the Underlying Shares may be sold under Rule 144 (assuming cashless exercise of the Warrants) without the requirement for the Company to be in compliance with the current public information required under Rule 144 as to such Underlying Shares and without volume or manner-of-sale restrictions or if such legend is not otherwise required under applicable requirements of the Securities Act (including judicial interpretations and pronouncements issued by the staff of the Commission) then such Underlying Shares shall be issued free of all legends. The Company agrees that following the Effective Date or at such time as such legend is no longer required under this Section 4.1(c), it will, no later than the earlier of (i) one (1) Trading Day and (ii) the number of Trading Days comprising the Standard Settlement Period (as defined below) following the delivery by a Purchaser to the Company or the Transfer Agent of a certificate representing Underlying Shares, as applicable, issued with a restrictive legend (such date, the “Legend Removal Date”), deliver or cause to be delivered to such Purchaser a certificate representing such shares that is free from all restrictive and other legends. The Company may not make any notation on its records or give instructions to the Transfer Agent that enlarge the restrictions on transfer set forth in this Section 4. Certificates for Underlying Shares subject to legend removal hereunder shall be transmitted by the Transfer Agent to the Purchaser by crediting the account of the Purchaser’s prime broker with the Depository Trust Company System as directed by such Purchaser. As used herein, “Standard Settlement Period” means the standard settlement period, expressed in a number of Trading Days, on the Company’s primary Trading Market with respect to the Common Stock as in effect on the date of delivery of a certificate representing Underlying Shares, as applicable, issued with a restrictive legend.

(d) In addition to such Purchaser's other available remedies, the Company shall pay to a Purchaser, in cash, (i) as partial liquidated damages and not as a penalty, for each \$1,000 of Underlying Shares (based on the VWAP of the Common Stock on the date such Securities are submitted to the Transfer Agent) delivered for removal of the restrictive legend and subject to Section 4.1(c), \$10 per Trading Day (increasing to \$20 per Trading Day five (5) Trading Days after the Legend Removal Date) for each Trading Day after the Legend Removal Date until such certificate is delivered without a legend and (ii) if the Company fails to (a) issue and deliver (or cause to be delivered) to a Purchaser by the Legend Removal Date a certificate representing the Securities so delivered to the Company by such Purchaser that is free from all restrictive and other legends and (b) if after the Legend Removal Date such Purchaser purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by such Purchaser of all or any portion of the number of shares of Common Stock, or a sale of a number of shares of Common Stock equal to all or any portion of the number of shares of Common Stock that such Purchaser anticipated receiving from the Company without any restrictive legend, then, an amount equal to the excess of such Purchaser's total purchase price (including brokerage commissions and other out-of-pocket expenses, if any) for the shares of Common Stock so purchased (including brokerage commissions and other out-of-pocket expenses, if any) (the "**Buy-In Price**") over the product of (x) such number of Underlying Shares that the Company was required to deliver to such Purchaser by the Legend Removal Date multiplied by (y) the lowest closing sale price of the Common Stock on any Trading Day during the period commencing on the date of the delivery by such Purchaser to the Company of the applicable Underlying Shares (as the case may be) and ending on the date of such delivery and payment under this clause (ii).

(e) Each Purchaser, severally and not jointly with the other Purchasers, agrees with the Company that such Purchaser will sell any Securities pursuant to either the registration requirements of the Securities Act, including any applicable prospectus delivery requirements, or an exemption therefrom, and that if Securities are sold pursuant to a Registration Statement, they will be sold in compliance with the plan of distribution set forth therein, and acknowledges that the removal of the restrictive legend from certificates representing Securities as set forth in this Section 4.1 is predicated upon the Company's reliance upon this understanding.

4.2 Acknowledgment of Dilution. The Company acknowledges that the issuance of the Securities may result in dilution of the outstanding shares of Common Stock, which dilution may be substantial under certain market conditions. The Company further acknowledges that its obligations under the Transaction Documents, including, without limitation, its obligation to issue the Underlying Shares pursuant to the Transaction Documents, are unconditional and absolute and not subject to any right of set off, counterclaim, delay or reduction, regardless of the effect of any such dilution or any claim the Company may have against any Purchaser and regardless of the dilutive effect that such issuance may have on the ownership of the other stockholders of the Company.

4.3 Furnishing of Information; Public Information.

(a) Until the earlier of the time that (i) no Purchaser owns Securities or (ii) the Warrants have expired, the Company covenants to maintain the registration of the Common Stock under Section 12(b) or 12(g) of the Exchange Act and to timely file (or obtain extensions in respect thereof and file within the applicable grace period) all reports required to be filed by the Company after the date hereof pursuant to the Exchange Act even if the Company is not then subject to the reporting requirements of the Exchange Act.

(b) At any time during the period commencing from the six (6) month anniversary of the date hereof and ending at such time that all of the Securities may be sold without the requirement for the Company to be in compliance with Rule 144(c)(1) and otherwise without restriction or limitation pursuant to Rule 144, the Company (i) shall fail for any reason to satisfy the current public information requirement under Rule 144(c) or (ii) has ever been an issuer described in Rule 144(i)(1)(i) or becomes an issuer in the future, and the Company shall fail to satisfy any condition set forth in Rule 144(i)(2) (a “Public Information Failure”) then, in addition to such Purchaser’s other available remedies, the Company shall pay to a Purchaser, in cash, as partial liquidated damages and not as a penalty, by reason of any such delay in or reduction of its ability to sell the Securities, an amount in cash equal to one percent (1.0%) of the aggregate Subscription Amount of such Purchaser’s Securities on the day of a Public Information Failure and on every thirtieth (30th) day (pro rated for periods totaling less than thirty days) thereafter until the earlier of (a) the date such Public Information Failure is cured and (b) such time that such public information is no longer required for the Purchasers to transfer the Underlying Shares pursuant to Rule 144. The payments to which a Purchaser shall be entitled pursuant to this Section 4.3(b) are referred to herein as “Public Information Failure Payments.” Public Information Failure Payments shall be paid on the earlier of (i) the last day of the calendar month during which such Public Information Failure Payments are incurred and (ii) the third (3rd) Business Day after the event or failure giving rise to the Public Information Failure Payments is cured. In the event the Company fails to make Public Information Failure Payments in a timely manner, such Public Information Failure Payments shall bear interest at the rate of 1.5% per month (prorated for partial months) until paid in full. Nothing herein shall limit such Purchaser’s right to pursue actual damages for the Public Information Failure, and such Purchaser shall have the right to pursue all remedies available to it at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief.

4.4 Integration. The Company shall not sell, offer for sale or solicit offers to buy or otherwise negotiate in respect of any security (as defined in Section 2 of the Securities Act) that would be integrated with the offer or sale of the Securities in a manner that would require the registration under the Securities Act of the sale of the Securities or that would be integrated with the offer or sale of the Securities for purposes of the rules and regulations of any Trading Market such that it would require shareholder approval prior to the closing of such other transaction unless shareholder approval is obtained before the closing of such subsequent transaction.

4.5 Conversion and Exercise Procedures. Each of the form of Notice of Exercise included in the Warrants and the form of Notice of Conversion included in the Certificate of Designation set forth the totality of the procedures required of the Purchasers in order to exercise the Warrants or convert the Preferred Stock. Without limiting the preceding sentences, no ink-original Notice of Exercise or Notice of Conversion shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any Notice of Exercise or Notice of Conversion form be required in order to exercise the Warrants or convert the Preferred Stock. No additional legal opinion, other information or instructions shall be required of the Purchasers to exercise their Warrants or convert their Preferred Stock. The Company shall honor exercises of the Warrants and conversions of the Preferred Stock and shall deliver Underlying Shares in accordance with the terms, conditions and time periods set forth in the Transaction Documents.

4.6 Securities Laws Disclosure; Publicity. The Company shall by the Disclosure Time, issue a press release and file a Current Report on Form 8-K including the Transaction Documents as exhibits thereto, with the Commission disclosing the material terms of the transactions contemplated hereby. From and after the filing of each such Current Report on Form 8-K and the issuance of the press release, the Company represents to the Purchasers that it shall have publicly disclosed all material, non-public information delivered to any of the Purchasers by the Company or any of its Subsidiaries, or any of their respective officers, directors, employees, Affiliates or agents, in connection with the transactions contemplated by the Transaction Documents. In addition, effective upon the filing of each such Current Report on Form 8-K and the issuance of the press release, the Company acknowledges and agrees that any and all confidentiality or similar obligations under any agreement, whether written or oral, between the Company, any of its Subsidiaries or any of their respective officers, directors, agents, employees, Affiliates or agents, on the one hand, and any of the Purchasers or any of their Affiliates on the other hand, shall terminate and be of no further force or effect. The Company understands and confirms that each Purchaser shall be relying on the foregoing covenant in effecting transactions in securities of the Company. The Company and each Purchaser shall consult with each other in issuing any press releases with respect to the transactions contemplated hereby, and neither the Company nor any Purchaser shall issue any such press release nor otherwise make any such public statement without the prior consent of the Company, with respect to any press release of any Purchaser, or without the prior consent of each Purchaser, with respect to any press release of the Company, which consent shall not unreasonably be withheld or delayed, except if such disclosure is required by law, in which case the disclosing party shall, promptly provide the other party with prior notice of such public statement or communication. Notwithstanding the foregoing, the Company shall not publicly disclose the name of any Purchaser, or include the name of any Purchaser in any filing with the Commission or any regulatory agency or Trading Market, without the prior written consent of such Purchaser, except (a) as required by federal securities law in connection with (i) any registration statement contemplated by the Registration Rights Agreement and (ii) the filing of final Transaction Documents with the Commission and (b) to the extent such disclosure is required by law or Trading Market regulations, in which case the Company shall provide the Purchasers with prior notice of such disclosure permitted under this clause (b) and reasonably cooperate with such Purchaser regarding such disclosure.

4.7 Shareholder Rights Plan. No claim will be made or enforced by the Company or, with the consent of the Company, any other Person, that any Purchaser is an "Acquiring Person" under any control share acquisition, business combination, poison pill (including any distribution under a rights agreement) or similar anti-takeover plan or arrangement in effect or hereafter adopted by the Company, or that any Purchaser could be deemed to trigger the provisions of any such plan or arrangement, by virtue of receiving Securities under the Transaction Documents or under any other agreement between the Company and the Purchasers.

4.8 Non-Public Information. Except with respect to the material terms and conditions of the transactions contemplated by the Transaction Documents, which shall be disclosed pursuant to Section 4.6, the Company covenants and agrees that neither it, nor any other Person acting on its behalf will provide any Purchaser or its agents or counsel with any information that constitutes, or the Company reasonably believes constitutes, material non-public information, unless prior thereto such Purchaser shall have consented in writing to the receipt of such information and agreed in writing with the Company to keep such information confidential. The Company understands and confirms that each Purchaser shall be relying on the foregoing covenant in effecting transactions in securities of the Company. To the extent that the Company, any of its Subsidiaries, or any of their respective officers, directors, agents, employees or Affiliates delivers any material, non-public information to a Purchaser without such Purchaser's consent, the Company hereby covenants and agrees that such Purchaser shall not have any duty of confidentiality to the Company, any of its Subsidiaries, or any of their respective officers, directors, employees, Affiliates or agents, or a duty to the Company, any of its Subsidiaries or any of their respective officers, directors, employees, Affiliates or agents, not to trade on the basis of, such material, non-public information, provided that the Purchaser shall remain subject to applicable law. To the extent that any notice provided pursuant to any Transaction Document constitutes, or contains, material, non-public information regarding the Company or any Subsidiaries, the Company shall simultaneously with the delivery of such notice file such notice with the Commission pursuant to a Current Report on Form 8-K filed with the Commission within one (1) Business Day following the date that it discloses such information to any Purchaser or such earlier time as may be required by applicable. The Company understands and confirms that each Purchaser shall be relying on the foregoing covenant in effecting transactions in securities of the Company.

4.9 Use of Proceeds. The Company shall use the net proceeds from the sale of the Securities hereunder for working capital purposes and shall not use such proceeds: (a) for the satisfaction of any portion of the Company's debt (other than payment of trade payables in the ordinary course of the Company's business and prior practices), (b) for the redemption of any Common Stock or Common Stock Equivalents, (c) for the settlement of any outstanding litigation or (d) in violation of FCPA or OFAC regulations.

4.10 Indemnification of Purchasers. Subject to the provisions of this Section 4.10, the Company will indemnify and hold each Purchaser and its directors, officers, shareholders, members, partners, employees and agents (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title), each Person who controls such Purchaser (within the meaning of Section 15 of the Securities Act and Section 20 of the Exchange Act), and the directors, officers, shareholders, agents, members, partners or employees (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title) of such controlling persons (each, a “Purchaser Party”) harmless from any and all losses, liabilities, obligations, claims, contingencies, damages, costs and reasonable expenses, including all judgments, amounts paid in settlements, court costs and reasonable attorneys’ fees and costs of investigation that any such Purchaser Party may suffer or incur as a result of or relating to (a) any breach of any of the representations, warranties, covenants or agreements made by the Company in this Agreement or in the other Transaction Documents, (b) any action instituted against the Purchaser Parties in any capacity, or any of them or their respective Affiliates, by any stockholder of the Company who is not an Affiliate of such Purchaser Party, with respect to any of the transactions contemplated by the Transaction Documents (unless such action is solely based upon a material breach of such Purchaser Party’s representations, warranties or covenants under the Transaction Documents or any agreements or understandings such Purchaser Party may have with any such stockholder or any violations by such Purchaser Party of state or federal securities laws or any conduct by such Purchaser Party which is finally judicially determined to constitute fraud, gross negligence or willful misconduct) or (c) in connection with any registration statement of the Company providing for the resale by the Purchasers of the Warrant Shares issued and issuable upon exercise of the Warrants, the Company will indemnify each Purchaser Party, to the fullest extent permitted by applicable law, from and against any and all losses, claims, damages, liabilities, costs (including, without limitation, reasonable attorneys’ fees) and expenses, as incurred, arising out of or relating to (i) any untrue or alleged untrue statement of a material fact contained in such registration statement, any prospectus or any form of prospectus or in any amendment or supplement thereto or in any preliminary prospectus, or arising out of or relating to any omission or alleged omission of a material fact required to be stated therein or necessary to make the statements therein (in the case of any prospectus or supplement thereto, in the light of the circumstances under which they were made) not misleading, except to the extent, but only to the extent, that such untrue statements or omissions are based solely upon information regarding such Purchaser Party furnished in writing to the Company by such Purchaser Party expressly for use therein, or (ii) any violation or alleged violation by the Company of the Securities Act, the Exchange Act or any state securities law, or any rule or regulation thereunder in connection therewith. If any action shall be brought against any Purchaser Party in respect of which indemnity may be sought pursuant to this Agreement, such Purchaser Party shall promptly notify the Company in writing, and, the Company shall have the right to assume the defense thereof with counsel of its own choosing reasonably acceptable to the Purchaser Party. Any Purchaser Party shall have the right to employ separate counsel in any such action and participate in the defense thereof, but the fees and expenses of such counsel shall be at the expense of such Purchaser Party except to the extent that (i) the employment thereof has been specifically authorized by the Company in writing, (ii) the Company has failed after a reasonable period of time to assume such defense and to employ counsel or (iii) in such action there is, in the reasonable opinion of counsel a material conflict on any material issue between the position of the Company and the position of such Purchaser Party, in which case the Company shall be responsible for the reasonable fees and expenses of no more than one such separate counsel. The Company will not be liable to any Purchaser Party under this Agreement (y) for any settlement by a Purchaser Party effected without the Company’s prior written consent, which shall not be unreasonably withheld or delayed; or (z) to the extent, but only to the extent that a loss, claim, damage or liability is attributable to any Purchaser Party’s breach of any of the representations, warranties, covenants or agreements made by such Purchaser Party in this Agreement or in the other Transaction Documents. The indemnification required by this Section 4.10 shall be made by periodic payments of the amount thereof during the course of the investigation or defense, as and when bills are received or are incurred. The indemnity agreements contained herein shall be in addition to any cause of action or similar right of any Purchaser Party against the Company or others and any liabilities the Company may be subject to pursuant to law.

4.11 Reservation and Listing of Securities.

(a) The Company shall maintain a reserve of the Required Minimum from its duly authorized shares of Common Stock for issuance pursuant to the Transaction Documents in such amount as may then be required to fulfill its obligations in full under the Transaction Documents.

(b) If, on any date, the number of authorized but unissued (and otherwise unreserved) shares of Common Stock is less than (i) the Required Minimum on such date, minus (ii) the number of shares of Common Stock previously issued pursuant to the Transaction Documents, then the Board of Directors shall use commercially reasonable efforts to amend the Company's certificate of incorporation to increase the number of authorized but unissued shares of Common Stock to at least the Required Minimum at such time (minus the number of shares of Common Stock previously issued pursuant to the Transaction Documents), as soon as possible and in any event not later than the 75th day after such date, provided that the Company will not be required at any time to authorize a number of shares of Common Stock greater than the maximum remaining number of shares of Common Stock that could possibly be issued after such time pursuant to the Transaction Documents.

(c) The Company shall, if applicable: (i) in the time and manner required by the principal Trading Market, prepare and file with such Trading Market an additional shares listing application covering a number of shares of Common Stock at least equal to the Required Minimum on the date of such application, (ii) take all steps necessary to cause such shares of Common Stock to be approved for listing or quotation on such Trading Market as soon as possible thereafter, (iii) provide to the Purchasers evidence of such listing or quotation and (iv) maintain the listing or quotation of such Common Stock on any date at least equal to the Required Minimum on such date on such Trading Market or another Trading Market. The Company agrees to maintain the eligibility of the Common Stock for electronic transfer through the Depository Trust Company or another established clearing corporation, including, without limitation, by timely payment of fees to the Depository Trust Company or such other established clearing corporation in connection with such electronic transfer.

4.12 Participation in Future Financing.

(a) From the date hereof until the date that is the twelve (12)-month anniversary of the Effective Date, upon any issuance by the Company or any of its Subsidiaries of Common Stock or Common Stock Equivalents for cash or other consideration, including consideration paid in digital assets, Indebtedness or a combination of units thereof (a "Subsequent Financing"), each Purchaser shall have the right to participate in up to an aggregate amount of the Subsequent Financing equal to fifty percent (50%) of the Subsequent Financing (the "Participation Maximum") on the same terms, conditions and price provided for in the Subsequent Financing.

(b) At least five (5) Trading Days prior to the closing of the Subsequent Financing, the Company shall deliver to each Purchaser a written notice of its intention to effect a Subsequent Financing ("Pre-Notice"), which Pre-Notice shall ask such Purchaser if it wants to review the details of such financing (such additional notice, a "Subsequent Financing Notice"). Upon the request of a Purchaser, and only upon a request by such Purchaser, for a Subsequent Financing Notice, the Company shall promptly, but no later than one (1) Trading Day after such request, deliver a Subsequent Financing Notice to such Purchaser. The Subsequent Financing Notice shall describe in reasonable detail the proposed terms of such Subsequent Financing, the amount of proceeds intended to be raised thereunder and the Person or Persons through or with whom such Subsequent Financing is proposed to be effected and shall include a term sheet or similar document relating thereto as an attachment.

(c) Any Purchaser desiring to participate in such Subsequent Financing must provide written notice to the Company by not later than 5:30 p.m. (New York City time) on the fifth (5th) Trading Day after all of the Purchasers have received the Pre-Notice that such Purchaser is willing to participate in the Subsequent Financing, the amount of such Purchaser's participation, and representing and warranting that such Purchaser has such funds ready, willing, and available for investment on the terms set forth in the Subsequent Financing Notice. If the Company receives no such notice from a Purchaser as of such fifth (5th) Trading Day, such Purchaser shall be deemed to have notified the Company that it does not elect to participate.

(d) If by 5:30 p.m. (New York City time) on the fifth (5th) Trading Day after all of the Purchasers have received the Pre-Notice, notifications by the Purchasers of their willingness to participate in the Subsequent Financing (or to cause their designees to participate) is, in the aggregate, less than the total amount of the Subsequent Financing, then the Company may effect the remaining portion of such Subsequent Financing on the terms and with the Persons set forth in the Subsequent Financing Notice.

(e) If by 5:30 p.m. (New York City time) on the fifth (5th) Trading Day after all of the Purchasers have received the Pre-Notice, the Company receives responses to a Subsequent Financing Notice from Purchasers seeking to purchase more than the aggregate amount of the Participation Maximum, each such Purchaser shall have the right to purchase its Pro Rata Portion (as defined below) of the Participation Maximum. "Pro Rata Portion" means the ratio of (x) the Subscription Amount of Securities purchased on the Closing Date by a Purchaser participating under this Section 4.12 and (y) the sum of the aggregate Subscription Amounts of Securities purchased on the Closing Date by all Purchasers participating under this Section 4.12.

(f) The Company must provide the Purchasers with a second Subsequent Financing Notice, and the Purchasers will again have the right of participation set forth above in this Section 4.12, if the Subsequent Financing subject to the initial Subsequent Financing Notice is not consummated for any reason on the terms set forth in such Subsequent Financing Notice within thirty (30) Trading Days after the date of the initial Subsequent Financing Notice.

(g) The Company and each Purchaser agree that if any Purchaser elects to participate in the Subsequent Financing, the transaction documents related to the Subsequent Financing shall not include any term or provision that, directly or indirectly, will, or is intended to, exclude one or more of the Purchasers from participating in a Subsequent Financing, including, but not limited to, provisions whereby such Purchaser shall be required to agree to any restrictions on trading as to any securities of the Company or be required to consent to any amendment to or termination of, or grant any waiver, release or the like under or in connection with, this Agreement, without the prior written consent of such Purchaser.

(h) Notwithstanding anything to the contrary in this Section 4.12 and unless otherwise agreed to by such Purchaser, the Company shall either confirm in writing to such Purchaser that the transaction with respect to the Subsequent Financing has been abandoned or shall publicly disclose its intention to issue the securities in the Subsequent Financing, in either case in such a manner such that such Purchaser will not be in possession of any material, non-public information, by the tenth (10th) Business Day following delivery of the Subsequent Financing Notice. If by such tenth (10th) Business Day, no public disclosure regarding a transaction with respect to the Subsequent Financing has been made, and no notice regarding the abandonment of such transaction has been received by such Purchaser, such transaction shall be deemed to have been abandoned and such Purchaser shall not be deemed to be in possession of any material, non-public information with respect to the Company or any of its Subsidiaries.

(i) Notwithstanding the foregoing, this Section 4.12 shall not apply in respect of an Exempt Issuance.

4.13 Subsequent Equity Sales.

(a) From the date hereof until such time as no Purchaser holds any of the Preferred Stock or Warrants, the Company shall be prohibited (i) from entering into any factoring agreement, merchant cash advance agreement, revenue-based financing or similar arrangement whereby the Company receives funds from any third party against future product or services sales and (ii) from effecting or entering into an agreement to effect any issuance by the Company or any of its Subsidiaries of Common Stock or Common Stock Equivalents (or a combination of units thereof) involving a Variable Rate Transaction. “Variable Rate Transaction” means a transaction in which the Company (i) issues or sells any debt or equity securities that are convertible into, exchangeable or exercisable for, or include the right to receive, additional shares of Common Stock either (A) at a conversion price, exercise price or exchange rate or other price that is based upon, and/or varies with, the trading prices of or quotations for the shares of Common Stock at any time after the initial issuance of such debt or equity securities or (B) with a conversion, exercise or exchange price that is subject to being reset at some future date after the initial issuance of such debt or equity security or upon the occurrence of specified or contingent events directly or indirectly related to the business of the Company or the market for the Common Stock or (ii) enters into, or effects a transaction under, any agreement, including, but not limited to, an equity line of credit or an “at-the-market offering”, whereby the Company may issue securities at a future determined price regardless of whether shares pursuant to such agreement have actually been issued and regardless of whether such agreement is subsequently canceled. Notwithstanding anything to the contrary in the foregoing, “Variable Rate Transaction” shall not include entry into, or any transactions under, the ELOC.

(b) Notwithstanding the foregoing, this Section 4.13 shall not apply in respect of an Exempt Issuance.

4.14 No Issuance Below Floor Price. Notwithstanding anything to the contrary in this Agreement or any other agreement, from and after the date hereof and until such time as no Purchaser holds any Securities, the Company shall not issue, agree to issue, or be obligated to issue any shares of Common Stock or any Common Stock Equivalents at an effective price per share less than the Floor Price (it being understood and agreed that if the holder of the Common Stock or Common Stock Equivalents so issued shall at any time, whether by operation of purchase price adjustments, reset provisions, floating conversion, exercise or exchange prices or otherwise, or due to warrants, options or rights per share which are issued in connection with such issuance, be entitled to receive shares of Common Stock at an effective price per share that is less than the Floor Price, such issuance shall be deemed to have occurred for less than the Floor Price on such date of such issuance at such effective price). The foregoing shall not apply to Exempt Issuances or to the issuance of Underlying Shares.

4.15 Equal Treatment of Purchasers. No consideration (including any modification of any Transaction Document) shall be offered or paid to any Person to amend or consent to a waiver or modification of any provision of the Transaction Documents unless the same consideration is also offered to all of the parties to the Transaction Documents. For clarification purposes, this provision constitutes a separate right granted to each Purchaser by the Company and negotiated separately by each Purchaser, and is intended for the Company to treat the Purchasers as a class and shall not in any way be construed as the Purchasers acting in concert or as a group with respect to the purchase, disposition or voting of Securities or otherwise.

4.16 Certain Transactions and Confidentiality. Each Purchaser, severally and not jointly with the other Purchasers, covenants that neither it, nor any Affiliate acting on its behalf or pursuant to any understanding with it will execute any purchases or sales, including Short Sales, of any of the Company's securities during the period commencing with the execution of this Agreement and ending at such time that the transactions contemplated by this Agreement are first publicly announced pursuant to the initial press release as described in Section 4.6. Each Purchaser, severally and not jointly with the other Purchasers, covenants that until such time as the transactions contemplated by this Agreement are publicly disclosed by the Company pursuant to the initial press release as described in Section 4.6, such Purchaser will maintain the confidentiality of the existence and terms of this transaction and the information included in the Disclosure Schedules (other than as disclosed to its legal and other representatives). Notwithstanding the foregoing, and notwithstanding anything contained in this Agreement to the contrary, the Company expressly acknowledges and agrees that (i) no Purchaser makes any representation, warranty or covenant hereby that it will not engage in effecting transactions in any securities of the Company after the time that the transactions contemplated by this Agreement are first publicly announced pursuant to the initial press release as described in Section 4.6, (ii) no Purchaser shall be restricted or prohibited from effecting any transactions in any securities of the Company in accordance with applicable securities laws from and after the time that the transactions contemplated by this Agreement are first publicly announced pursuant to the initial press release as described in Section 4.6 and (iii) no Purchaser shall have any duty of confidentiality or duty not to trade in the securities of the Company to the Company, any of its Subsidiaries, or any of their respective officers, directors, employees, Affiliates or agent, including, after the issuance of the initial press release as described in Section 4.6. Notwithstanding the foregoing, in the case of a Purchaser that is a multi-managed investment vehicle whereby separate portfolio managers manage separate portions of such Purchaser's assets and the portfolio managers have no direct knowledge of the investment decisions made by the portfolio managers managing other portions of such Purchaser's assets, the covenant set forth above shall only apply with respect to the portion of assets managed by the portfolio manager that made the investment decision to purchase the Securities covered by this Agreement.

4.17 Form D; Blue Sky Filings. The Company agrees to timely file a Form D with respect to the Securities as required under Regulation D and to provide a copy thereof, promptly upon request of any Purchaser. The Company shall take such action as the Company shall reasonably determine is necessary in order to obtain an exemption for, or to qualify the Securities for, sale to the Purchasers at the Closing under applicable securities or “Blue Sky” laws of the states of the United States, and shall provide evidence of such actions promptly upon request of any Purchaser.

4.18 Capital Changes. Until the one-year anniversary of the later of (a) the Effective Date and (b) the date that Shareholder Approval is obtained and deemed effective, the Company shall not undertake a reverse or forward stock split or reclassification of the Common Stock without the prior written consent of the Purchasers holding a majority in interest of the shares of Preferred Stock, , other than a reverse stock split that is required, in the good faith determination of the Board of Directors, to maintain the listing of the Common Stock on the Trading Market.

4.19 Voting Agreements. The Company shall not amend, modify, waive or terminate any provision of any of the Voting Agreements and shall enforce the provisions of each Voting Agreement in accordance with its terms. If any party to a Voting Agreement breaches any provision of a Voting Agreement, the Company shall promptly use its best efforts to seek specific performance of the terms thereof.

4.20 No Broker-Dealer. The Company acknowledges and agrees that the Purchasers are not acting as a broker, dealer, underwriter or agent of the Company or any of its Subsidiaries. The Company and its Subsidiaries shall not, and the Company shall direct its agents, affiliates and representatives not to, take the position that the Purchasers are acting in any manner as a broker, dealer or agent of the Company or any of its Subsidiaries in any respect (whether pursuant to the transactions contemplated hereby or otherwise).

4.21 Shareholder Approval. The Company shall hold an annual or special meeting of stockholders on or prior to December 31, 2025 for the purpose of obtaining Shareholder Approval, with the recommendation of the Company’s Board of Directors that such proposals are approved, and the Company shall solicit proxies from its stockholders in connection therewith in the same manner as all other management proposals in such proxy statement and all management-appointed proxyholders shall vote their proxies in favor of such proposals. If the Company does not obtain Stockholder Approval at the first meeting, the Company shall call a meeting every thirty (30) days thereafter to seek Shareholder Approval until the earlier of the Shareholder Approval Date or until no Purchaser holds any of the Preferred Stock or Warrants. The Company shall set the record date for Shareholder Approval as soon as practicable following the Closing Date.

4.22 Additional Investment Rights. Each Purchaser may elect to purchase, from time to time, its Pro Rata Portion of up to an additional \$25,000,000 of Stated Value of Preferred Stock (representing 25,000 shares of Preferred Stock) and accompanying common stock purchase warrants (the “AIR Warrants”). Such Preferred Stock and AIR Warrants shall have identical terms to the Preferred Stock and Warrants issued at the Closing, provided that the initial conversion price and exercise price, as applicable, of such additional shares of Preferred Stock and AIR Warrants (“AIR Price”) shall be equal to the greater of (A) the lesser of (i) ninety percent (90%) of the arithmetic average of the five (5) lowest intraday trading prices occurring at any time during the ten (10) Trading Days prior to the Purchaser exercising the Additional Investment Right pursuant to the terms of this Agreement and (ii) the conversion price of the outstanding Preferred Stock and/or the exercise price of the outstanding Warrants then effect, for any previously issued shares of Preferred Stock or Warrants pursuant to this Agreement (the “Additional Investment Right”) and (B) the Floor Price. Exercises of Additional Investment Rights by any Purchaser shall be for minimum gross proceeds of \$250,000. All deliverables for each additional purchase shall be as set forth in Section 2.2(a)(ii) through (v) hereof and all closing conditions shall be as set forth in 2.3 hereof, as applicable (the date of such closing, the “Additional Closing Date”). Notwithstanding the foregoing, commencing on the six month anniversary of the Closing Date, and during every six months thereafter, subject to the satisfaction of Equity Conditions, the Purchasers in the aggregate shall either (i) exercise Additional Investment Rights or (ii) the Warrant, or any combination thereof, for gross proceeds to the Company of at least four million dollars (\$4,000,000), allocated among the Purchasers pro rata in accordance with their Pro Rata Portion until the Company has received at least twenty million dollars (\$20,000,000) in gross proceeds from either the exercise of (i) Additional Investment Rights or (ii) the Warrant, or any combination thereof; provided, however, that the Purchasers shall have no obligation to exercise such Additional Investment Rights every six months as set forth in the foregoing if, during such six-month period, the applicable AIR Price as calculated pursuant to clause (A) above does not equal or exceed the Floor Price during such period.

4.23 Other Indebtedness. The Company shall use its reasonable best efforts to enter into such agreements with existing holders of its outstanding indebtedness, represented by notes, debentures, or other similar instruments, as may be necessary to effect the conversion of such indebtedness into shares of Common Stock on or before December 31, 2025, subject to any applicable terms, conditions, and limitations set forth in such instruments.

ARTICLE V. MISCELLANEOUS

5.1 Termination. This Agreement may be terminated by any Purchaser, as to such Purchaser’s obligations hereunder only and without any effect whatsoever on the obligations between the Company and the other Purchasers, by written notice to the other parties, if the Closing has not been consummated on or before the fifth (5th) Trading Day following the date hereof; provided, however, that no such termination will affect the right of any party to sue for any breach by any other party (or parties).

5.2 Fees and Expenses. At the Closing, the Company has agreed to reimburse the Lead Purchaser for its legal fees and expenses in the aggregate of \$200,000. Except as expressly set forth in the Transaction Documents to the contrary, each party shall pay the fees and expenses of its advisers, counsel, accountants and other experts, if any, and all other expenses incurred by such party incident to the negotiation, preparation, execution, delivery and performance of this Agreement. The Company shall pay all Transfer Agent fees (including, without limitation, any fees required for same-day processing of any instruction letter delivered by the Company and any conversion or exercise notice delivered by a Purchaser), stamp taxes and other taxes and duties levied in connection with the delivery of any Securities to the Purchasers.

5.3 Entire Agreement. The Transaction Documents, together with the exhibits and schedules thereto, contain the entire understanding of the parties with respect to the subject matter hereof and thereof and supersede all prior agreements and understandings, oral or written, with respect to such matters, which the parties acknowledge have been merged into such documents, exhibits and schedules.

5.4 Notices. Any and all notices or other communications or deliveries required or permitted to be provided hereunder shall be in writing and shall be deemed given and effective on the earliest of: (a) the time of transmission, if such notice or communication is delivered via email attachment at the e-mail address as set forth on the signature pages attached hereto at or prior to 5:30 p.m. (New York City time) on a Trading Day, (b) the next Trading Day after the time of transmission, if such notice or communication is delivered via email attachment at the e-mail address as set forth on the signature pages attached hereto on a day that is not a Trading Day or later than 5:30 p.m. (New York City time) on any Trading Day, (c) the second (2nd) Trading Day following the date of mailing, if sent by U.S. nationally recognized overnight courier service or (d) upon actual receipt by the party to whom such notice is required to be given. The address for such notices and communications shall be as set forth on the signature pages attached hereto.

5.5 Amendments; Waivers. No provision of this Agreement may be waived, modified, supplemented or amended except in a written instrument signed, in the case of an amendment, by the Company and Purchasers which purchased at least 50.1% in interest of the Preferred Stock based on the initial Subscription Amounts hereunder (or, prior to the Closing, the Company and each Purchaser) or, in the case of a waiver, by the party against whom enforcement of any such waived provision is sought, provided that if any amendment, modification or waiver disproportionately and adversely impacts a Purchaser (or group of Purchasers), the consent of such disproportionately impacted Purchaser (or group of Purchasers) shall also be required. No waiver of any default with respect to any provision, condition or requirement of this Agreement shall be deemed to be a continuing waiver in the future or a waiver of any subsequent default or a waiver of any other provision, condition or requirement hereof, nor shall any delay or omission of any party to exercise any right hereunder in any manner impair the exercise of any such right. Any proposed amendment or waiver that disproportionately, materially and adversely affects the rights and obligations of any Purchaser relative to the comparable rights and obligations of the other Purchasers shall require the prior written consent of such adversely affected Purchaser. Any amendment effected in accordance with this Section 5.5 shall be binding upon each Purchaser and holder of Securities and the Company.

5.6 Headings. The headings herein are for convenience only, do not constitute a part of this Agreement and shall not be deemed to limit or affect any of the provisions hereof.

5.7 Successors and Assigns. This Agreement shall be binding upon and inure to the benefit of the parties and their successors and permitted assigns. The Company may not assign this Agreement or any rights or obligations hereunder without the prior written consent of each Purchaser (other than by merger). Any Purchaser may assign any or all of its rights under this Agreement to any Person to whom such Purchaser assigns or transfers any Securities, provided that such transferee agrees in writing to be bound, with respect to the transferred Securities, by the provisions of the Transaction Documents that apply to the "Purchasers."

5.8 No Third-Party Beneficiaries. This Agreement is intended for the benefit of the parties hereto and their respective successors and permitted assigns and is not for the benefit of, nor may any provision hereof be enforced by, any other Person, except as otherwise set forth in Section 4.10 and this Section 5.8.

5.9 Governing Law. All questions concerning the construction, validity, enforcement and interpretation of the Transaction Documents shall be governed by and construed and enforced in accordance with the internal laws of the State of New York, without regard to the principles of conflicts of law thereof. Each party agrees that all legal Proceedings concerning the interpretations, enforcement and defense of the transactions contemplated by this Agreement and any other Transaction Documents (whether brought against a party hereto or its respective affiliates, directors, officers, shareholders, partners, members, employees or agents) shall be commenced exclusively in the state and federal courts sitting in the City of New York. Each party hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in the City of New York, Borough of Manhattan for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein (including with respect to the enforcement of any of the Transaction Documents), and hereby irrevocably waives, and agrees not to assert in any Action or Proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such Action or Proceeding is improper or is an inconvenient venue for such Proceeding. Each party hereby irrevocably waives personal service of process and consents to process being served in any such Action or Proceeding by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to such party at the address in effect for notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any other manner permitted by law. If any party shall commence an Action or Proceeding to enforce any provisions of the Transaction Documents, then, in addition to the obligations of the Company under Section 4.10, the prevailing party in such Action or Proceeding shall be reimbursed by the non-prevailing party for its reasonable attorneys' fees and other costs and expenses incurred with the investigation, preparation and prosecution of such Action or Proceeding.

5.10 Survival. The representations and warranties contained herein shall survive the Closing and the delivery of the Securities.

5.11 Execution. This Agreement may be executed in two or more counterparts, all of which when taken together shall be considered one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to each other party, it being understood that the parties need not sign the same counterpart. In the event that any signature is delivered by e-mail delivery of a “.pdf” format data file, such signature shall create a valid and binding obligation of the party executing (or on whose behalf such signature is executed) with the same force and effect as if such “.pdf” signature page were an original thereof.

5.12 Severability. If any term, provision, covenant or restriction of this Agreement is held by a court of competent jurisdiction to be invalid, illegal, void or unenforceable, the remainder of the terms, provisions, covenants and restrictions set forth herein shall remain in full force and effect and shall in no way be affected, impaired or invalidated, and the parties hereto shall use their commercially reasonable efforts to find and employ an alternative means to achieve the same or substantially the same result as that contemplated by such term, provision, covenant or restriction. It is hereby stipulated and declared to be the intention of the parties that they would have executed the remaining terms, provisions, covenants and restrictions without including any of such that may be hereafter declared invalid, illegal, void or unenforceable.

5.13 Rescission and Withdrawal Right. Notwithstanding anything to the contrary contained in (and without limiting any similar provisions of) any of the other Transaction Documents, whenever any Purchaser exercises a right, election, demand or option under a Transaction Document and the Company does not timely perform its related obligations within the periods therein provided, then such Purchaser may rescind or withdraw, in its sole discretion from time to time upon written notice to the Company, any relevant notice, demand or election in whole or in part without prejudice to its future actions and rights; provided, however, that, in the case of a rescission of a conversion of the Preferred Stock or exercise of a Warrant, the applicable Purchaser shall be required to return any shares of Common Stock subject to any such rescinded conversion or exercise notice concurrently with the return to such Purchaser of the aggregate exercise price paid to the Company for such shares and the restoration of such Purchaser's right to acquire such shares pursuant to such Purchaser's Warrant (including, issuance of a replacement warrant certificate evidencing such restored right).

5.14 Replacement of Securities. If any certificate or instrument evidencing any Securities is mutilated, lost, stolen or destroyed, the Company shall issue or cause to be issued in exchange and substitution for and upon cancellation thereof (in the case of mutilation), or in lieu of and substitution therefor, a new certificate or instrument, but only upon receipt of evidence reasonably satisfactory to the Company of such loss, theft or destruction. The applicant for a new certificate or instrument under such circumstances shall also pay any reasonable third-party costs (including customary indemnity) associated with the issuance of such replacement Securities.

5.15 Remedies. In addition to being entitled to exercise all rights provided herein or granted by law, including recovery of damages, each of the Purchasers and the Company will be entitled to seek specific performance under the Transaction Documents. The parties agree that monetary damages may not be adequate compensation for any loss incurred by reason of any breach of obligations contained in the Transaction Documents and hereby agree to waive and not to assert in any Action for specific performance of any such obligation the defense that a remedy at law would be adequate.

5.16 Payment Set Aside. To the extent that the Company makes a payment or payments to any Purchaser pursuant to any Transaction Document or a Purchaser enforces or exercises its rights thereunder, and such payment or payments or the proceeds of such enforcement or exercise or any part thereof are subsequently invalidated, declared to be fraudulent or preferential, set aside, recovered from, disgorged by or are required to be refunded, repaid or otherwise restored to the Company, a trustee, receiver or any other Person under any law (including, without limitation, any bankruptcy law, state or federal law, common law or equitable cause of action), then to the extent of any such restoration the obligation or part thereof originally intended to be satisfied shall be revived and continued in full force and effect as if such payment had not been made or such enforcement or setoff had not occurred.

5.17 Usury. To the extent it may lawfully do so, the Company hereby agrees not to insist upon or plead or in any manner whatsoever claim, and will resist any and all efforts to be compelled to take the benefit or advantage of, usury laws wherever enacted, now or at any time hereafter in force, in connection with any Action or Proceeding that may be brought by any Purchaser in order to enforce any right or remedy under any Transaction Document. Notwithstanding any provision to the contrary contained in any Transaction Document, it is expressly agreed and provided that the total liability of the Company under the Transaction Documents for payments in the nature of interest shall not exceed the maximum lawful rate authorized under applicable law (the "Maximum Rate"), and, without limiting the foregoing, in no event shall any rate of interest or default interest, or both of them, when aggregated with any other sums in the nature of interest that the Company may be obligated to pay under the Transaction Documents exceed such Maximum Rate. It is agreed that if the maximum contract rate of interest allowed by law and applicable to the Transaction Documents is increased or decreased by statute or any official governmental action subsequent to the date hereof, the new maximum contract rate of interest allowed by law will be the Maximum Rate applicable to the Transaction Documents from the effective date thereof forward, unless such application is precluded by applicable law. If under any circumstances whatsoever, interest in excess of the Maximum Rate is paid by the Company to any Purchaser with respect to indebtedness evidenced by the Transaction Documents, such excess shall be applied by such Purchaser to the unpaid principal balance of any such indebtedness or be refunded to the Company, the manner of handling such excess to be at such Purchaser's election.

5.18 Independent Nature of Purchasers' Obligations and Rights. The obligations of each Purchaser under any Transaction Document are several and not joint with the obligations of any other Purchaser, and no Purchaser shall be responsible in any way for the performance or non-performance of the obligations of any other Purchaser under any Transaction Document. Nothing contained herein or in any other Transaction Document, and no action taken by any Purchaser pursuant hereto or thereto, shall be deemed to constitute the Purchasers as a partnership, an association, a joint venture or any other kind of entity, or create a presumption that the Purchasers are in any way acting in concert or as a group with respect to such obligations or the transactions contemplated by the Transaction Documents. Each Purchaser shall be entitled to independently protect and enforce its rights, including, without limitation, the rights arising out of this Agreement or out of the other Transaction Documents, and it shall not be necessary for any other Purchaser to be joined as an additional party in any Proceeding for such purpose. Each Purchaser has been represented by its own separate legal counsel in its review and negotiation of the Transaction Documents. For reasons of administrative convenience only, each Purchaser and its respective counsel have chosen to communicate with the Company through Company Counsel. The Company has elected to provide all Purchasers with the same terms and Transaction Documents for the convenience of the Company and not because it was required or requested to do so by any of the Purchasers. It is expressly understood and agreed that each provision contained in this Agreement and in each other Transaction Document is between the Company and a Purchaser, solely, and not between the Company and the Purchasers collectively and not between and among the Purchasers.

5.19 Liquidated Damages. The Company's obligations to pay any partial liquidated damages or other amounts owing under the Transaction Documents is a continuing obligation of the Company and shall not terminate until all unpaid partial liquidated damages and other amounts have been paid notwithstanding the fact that the instrument or security pursuant to which such partial liquidated damages or other amounts are due and payable shall have been canceled.

5.20 Saturdays, Sundays, Holidays, etc. If the last or appointed day for the taking of any action or the expiration of any right required or granted herein shall not be a Business Day, then such action may be taken or such right may be exercised on the next succeeding Business Day.

5.21 Construction. The parties agree that each of them and/or their respective counsel have reviewed and had an opportunity to revise the Transaction Documents and, therefore, the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of the Transaction Documents or any amendments thereto. In addition, each and every reference to share prices and shares of Common Stock in any Transaction Document shall be subject to adjustment for reverse and forward stock splits, stock dividends, stock combinations and other similar transactions of the Common Stock that occur after the date of this Agreement.

5.22 **WAIVER OF JURY TRIAL.** IN ANY ACTION, SUIT, OR PROCEEDING IN ANY JURISDICTION BROUGHT BY ANY PARTY AGAINST ANY OTHER PARTY, THE PARTIES EACH KNOWINGLY AND INTENTIONALLY, TO THE GREATEST EXTENT PERMITTED BY APPLICABLE LAW, HEREBY ABSOLUTELY, UNCONDITIONALLY, IRREVOCABLY AND EXPRESSLY WAIVES FOREVER TRIAL BY JURY.

(Signature Pages Follow)

IN WITNESS WHEREOF, the parties hereto have caused this Securities Purchase Agreement to be duly executed by their respective authorized signatories as of the date first indicated above.

NUVVE HOLDING CORP.

Address for Notice:
Nuvve Holding Corp.
2488 Historic Decatur Road
Ste 230
San Diego, California 92106
E-Mail: gregory@nuvve.com

By: _____

Name: Gregory Poilasne
Title: Chief Executive Officer

With a copy to (which shall not constitute notice):

Alan Lanis, Jr.
BakerHostetler LLP
1900 Avenue of the Stars, Suite 2700
Los Angeles, California 90025
Email: jrlanis@bakerlaw.com

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SIGNATURE PAGE FOR PURCHASER FOLLOWS]

PURCHASER SIGNATURE PAGES TO NVVE SECURITIES PURCHASE AGREEMENT]

IN WITNESS WHEREOF, the undersigned have caused this Securities Purchase Agreement to be duly executed by their respective authorized signatories as of the date first indicated above.

Name of Purchaser: _____

Signature of Authorized Signatory of Purchaser: _____

Name of Authorized Signatory: _____

Title of Authorized Signatory: _____

Email Address of Authorized Signatory: _____

Address for Notice to Purchaser:

Address for Delivery of Securities to Purchaser (if not same as address for notice):

Subscription Amount: \$ _____

Shares: _____

Initial Warrants: _____ Beneficial Ownership Blocker 4.99% or 9.99%

EIN Number: _____

[SIGNATURE PAGES CONTINUE]

Exhibit A

Certificate of Designations

Exhibit B

Registration Rights Agreement

Exhibit C

Warrant

REGISTRATION RIGHTS AGREEMENT

This Registration Rights Agreement (this “Agreement”) is made and entered into as of November 14, 2025, between Nuvve Holding Corp., a Delaware corporation (the “Company”), and each of the several purchasers signatory hereto (each such purchaser, a “Purchaser” and, collectively, the “Purchasers”).

This Agreement is made pursuant to the Securities Purchase Agreement, dated as of the date hereof, between the Company and each Purchaser (the “Purchase Agreement”).

NOW THEREFORE, in consideration of the mutual covenants contained in this Agreement, and for other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Company and each Purchaser hereby agrees as follows:

1. Definitions.

Capitalized terms used and not otherwise defined herein that are defined in the Purchase Agreement shall have the meanings given such terms in the Purchase Agreement. As used in this Agreement, the following terms shall have the following meanings:

“Advice” shall have the meaning set forth in Section 6(c).

“Effectiveness Date” means, with respect to the Initial Registration Statement required to be filed hereunder, the 60th calendar day following the Filing Date and with respect to any additional Registration Statements which may be required pursuant to Section 2(c) or Section 3(c), the 60th calendar day following the date on which an additional Registration Statement is required to be filed hereunder; provided, however, that in the event the Company is notified by the Commission that one or more of the above Registration Statements will not be reviewed or is no longer subject to further review and comments, the Effectiveness Date as to such Registration Statement shall be the fifth Trading Day following the date on which the Company is so notified if such date precedes the dates otherwise required above, provided, further, if such Effectiveness Date falls on a day that is not a Trading Day, then the Effectiveness Date shall be the next succeeding Trading Day. Notwithstanding anything to the contrary set forth herein, if the U.S. federal government is “shutdown” due to a budget impasse on any day following the filing of the Initial Registration Statement or any additional Registration Statement, the “Effectiveness Date” deadlines set forth herein shall be automatically extended for each day of such “shutdown” after such filing.

“Effectiveness Period” shall have the meaning set forth in Section 2(a).

“Event” shall have the meaning set forth in Section 2(d).

“Event Date” shall have the meaning set forth in Section 2(d).

“Filing Date” means, with respect to (i) the Initial Registration Statement required hereunder, the 15th calendar day following the Closing Date, (ii) any additional Registration Statement required to be filed in connection with any Additional Closing Date, the 15th calendar day following such Additional Closing Date, and (iii) any additional Registration Statements which may be required pursuant to Section 2(c) or Section 3(c), the earliest practical date on which the Company is permitted by SEC Guidance to file such additional Registration Statement related to the Registrable Securities, provided, further, if such Filing Date falls on a day that is not a Trading Day, then the Filing Date shall be the next succeeding Trading Day.

“Holder” or “Holders” means the holder or holders, as the case may be, from time to time of Registrable Securities.

“Indemnified Party” shall have the meaning set forth in Section 5(c).

“Indemnifying Party” shall have the meaning set forth in Section 5(c).

“Initial Registration Statement” means the initial Registration Statement filed pursuant to this Agreement.

“Losses” shall have the meaning set forth in Section 5(a).

“Plan of Distribution” shall have the meaning set forth in Section 2(a).

“Prospectus” means the prospectus included in a Registration Statement (including, without limitation, a prospectus that includes any information previously omitted from a prospectus filed as part of an effective registration statement in reliance upon Rule 430A promulgated by the Commission pursuant to the Securities Act), as amended or supplemented by any prospectus supplement, with respect to the terms of the offering of any portion of the Registrable Securities covered by a Registration Statement, and all other amendments and supplements to the Prospectus, including post-effective amendments, and all material incorporated by reference or deemed to be incorporated by reference in such Prospectus.

“Registrable Securities” means, (I) with respect to the Closing Date: (a) 200% of the maximum number of Conversion Shares issued and/or issuable upon conversion of the Shares (in each case, assuming on such date the Preferred Stock is converted in full without regard to any conversion limitations therein and is convertible at the initial conversion price), (b) 200% of the maximum number of Warrant Shares issuable and/or issuable upon exercise of the Initial Warrants (in each case, assuming on such date the Initial Warrants are exercised in full without regard to any exercise limitations therein and are exercisable at the initial exercise price), (c) 200% of the shares of Common Stock issuable upon payment of dividends on the Shares (assuming, in each case, that such dividends shall accrue through December 31, 2028), and (d) any securities issued or then issuable upon any stock split, dividend or other distribution, recapitalization or similar event with respect to the foregoing; and (II) with respect to any Additional Closing Date, (a) 200% of the maximum number of Conversion Shares issued and/or issuable upon conversion additional shares of Preferred Stock issued in such Additional Closing (in each case, assuming on such date the Preferred Stock is converted in full without regard to any conversion limitations therein and is convertible at the initial conversion price), (b) 200% of the maximum number of Warrant Shares issuable and/or issuable upon exercise of the AIR Warrants issued in such Additional Closing (in each case, assuming on such date the Additional Warrants are exercised in full without regard to any exercise limitations therein and are exercisable at the initial exercise price), (c) 200% of the shares of Common Stock issuable upon payment of dividends on the additional share of Preferred stock issued in such Additional Closing (assuming, in each case, that such dividends shall accrue through December 31, 2028), and (d) any securities issued or then issuable upon any stock split, dividend or other distribution, recapitalization or similar event with respect to the foregoing; provided, however, that in each case of the foregoing clauses (I) and (II), any such Registrable Securities shall cease to be Registrable Securities (and the Company shall not be required to maintain the effectiveness of any, or file another, Registration Statement hereunder with respect thereto) for so long as (a) a Registration Statement with respect to the sale of such Registrable Securities is declared effective by the Commission under the Securities Act and such Registrable Securities have been disposed of by the Holder in accordance with such effective Registration Statement, (b) such Registrable Securities have been previously sold in accordance with Rule 144, or (c) such securities become eligible for resale without volume or manner-of-sale restrictions and without current public information pursuant to Rule 144 as set forth in a written opinion letter to such effect, addressed, delivered and acceptable to the Transfer Agent and the affected Holders (assuming that such securities and any securities issuable upon exercise, conversion or exchange of which, or as a dividend upon which, such securities were issued or are issuable, were at no time held by any Affiliate of the Company, as reasonably determined by the Company, upon the advice of counsel to the Company).

“Registration Statement” means any registration statement required to be filed hereunder pursuant to Section 2(a) and any additional registration statements contemplated by Section 2(c) or Section 3(c), including (in each case) the Prospectus, amendments and supplements to any such registration statement or Prospectus, including pre- and post-effective amendments, all exhibits thereto, and all material incorporated by reference or deemed to be incorporated by reference in any such registration statement.

“Rule 415” means Rule 415 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

“Rule 424” means Rule 424 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

“SEC Guidance” means (i) any publicly-available written or oral guidance of the Commission staff, or any comments, requirements or requests of the Commission staff and (ii) the Securities Act.

“Selling Stockholder Questionnaire” shall have the meaning set forth in Section 3(a).

2. Shelf Registration.

(a) On or prior to each Filing Date, the Company shall prepare and file with the Commission a Registration Statement covering the resale of all of the Registrable Securities that are not then registered on an effective Registration Statement for an offering to be made on a continuous basis pursuant to Rule 415. Each Registration Statement filed hereunder shall be on Form S-3 (except if the Company is not then eligible to register for resale the Registrable Securities on Form S-3, in which case such registration shall be on another appropriate form in accordance herewith, subject to the provisions of Section 2(e)) and shall contain (unless otherwise directed by at least 85% in interest of the Holders) substantially the “Plan of Distribution” attached hereto as Annex A and substantially the “Selling Stockholder” section attached hereto as Annex B; provided, however, that no Holder or affiliate of a Holder shall be required to be named as, and in no event shall the Company be permitted to name any Holder or affiliate of a Holder as, an “underwriter” without such Holder’s express prior written consent. Subject to the terms of this Agreement, the Company shall use commercially reasonable efforts to cause a Registration Statement filed under this Agreement (including, without limitation, under Section 3(c)) to be declared effective under the Securities Act as promptly as possible after the filing thereof, but in any event no later than the applicable Effectiveness Date, and shall use commercially reasonable efforts to keep such Registration Statement continuously effective under the Securities Act until the date that all Registrable Securities covered by such Registration Statement (i) have been sold, thereunder or pursuant to Rule 144, or (ii) may be sold without volume or manner-of-sale restrictions pursuant to Rule 144 and without the requirement for the Company to be in compliance with the current public information requirement under Rule 144, as determined by counsel to the Company pursuant to a written opinion letter to such effect, addressed and acceptable to the Transfer Agent and the affected Holders (the “Effectiveness Period”). The Company shall telephonically request effectiveness of a Registration Statement as of 5:00 p.m. (New York City time) on a Trading Day. The Company shall immediately notify the Holders via e-mail of the effectiveness of a Registration Statement on the same Trading Day that the Company telephonically confirms effectiveness with the Commission, which shall be the date requested for effectiveness of such Registration Statement. The Company shall, by 9:30 a.m. (New York City time) on the Trading Day after the effective date of such Registration Statement, file a final Prospectus with the Commission as required by Rule 424. Failure to so notify the Holder within one (1) Trading Day of such notification of effectiveness or failure to file a final Prospectus as foresaid shall be deemed an Event under Section 2(d).

(b) Notwithstanding the registration obligations set forth in Section 2(a), if the Commission informs the Company that all of the Registrable Securities cannot, as a result of the application of Rule 415, be registered for resale as a secondary offering on a single registration statement, the Company agrees to promptly inform each of the Holders thereof and use its commercially reasonable efforts to file amendments to the Initial Registration Statement as required by the Commission, covering the maximum number of Registrable Securities permitted to be registered by the Commission, on Form S-3 or such other form available to register for resale the Registrable Securities as a secondary offering, subject to the provisions of Section 2(e) with respect to filing on Form S-3 or other appropriate form, and subject to the provisions of Section 2(d) with respect to the payment of liquidated damages; provided, however, that prior to filing such amendment, the Company shall be obligated to use commercially reasonable efforts to advocate with the Commission for the registration of all of the Registrable Securities in accordance with the SEC Guidance, including without limitation, Compliance and Disclosure Interpretation 612.09.

(c) Notwithstanding any other provision of this Agreement and subject to the payment of liquidated damages pursuant to Section 2(d), if the Commission or any SEC Guidance sets forth a limitation on the number of Registrable Securities permitted to be registered on a particular Registration Statement as a secondary offering (and notwithstanding that the Company used commercially reasonable efforts to advocate with the Commission for the registration of all or a greater portion of Registrable Securities), unless otherwise directed in writing by a Holder as to its Registrable Securities, the number of Registrable Securities to be registered on such Registration Statement will be reduced as follows:

- a. First, the Company shall reduce or eliminate any securities to be included other than Registrable Securities;
- b. Second, the Company shall reduce Registrable Securities represented by Warrant Shares (applied, in the case that some Warrant Shares may be registered, to the Holders on a pro rata basis based on the total number of unregistered Warrant Shares held by such Holders); and
- c. Third, the Company shall reduce Registrable Securities represented by Conversion Shares (applied, in the case that some Conversion Shares may be registered, to the Holders on a pro rata basis based on the sum of the total number of unregistered Conversion Shares held by such Holders).

In the event of a cutback hereunder, the Company shall give the Holder at least three (3) Trading Days prior written notice along with the calculations as to such Holder's allotment. In the event the Company amends the Initial Registration Statement in accordance with the foregoing, the Company will use commercially reasonable efforts to file with the Commission, as promptly as allowed by Commission or SEC Guidance provided to the Company or to registrants of securities in general, one or more registration statements on Form S-3 or such other form available to register for resale those Registrable Securities that were not registered for resale on the Initial Registration Statement, as amended.

(d) If: (i) the Initial Registration Statement is not filed on or prior to its Filing Date (if the Company files the Initial Registration Statement without affording the Holders the opportunity to review and comment on the same as required by Section 3(a) herein or the Company subsequently withdraws the filing of the Registration Statement, the Company shall be deemed to have not satisfied this clause (i) as of the Filing Date), or (ii) the Company fails to file with the Commission a request for acceleration of effectiveness of a Registration Statement in accordance with Rule 461 promulgated by the Commission pursuant to the Securities Act, within five Trading Days of the date that the Company is notified (orally or in writing, whichever is earlier) by the Commission that such Registration Statement will not be “reviewed” or will not be subject to further review, or (iii) prior to the effective date of a Registration Statement, the Company fails to file a pre-effective amendment and otherwise respond in writing to comments made by the Commission in respect of such Registration Statement within ten (10) calendar days after the receipt of comments by or notice from the Commission that such amendment is required in order for such Registration Statement to be declared effective, or (iv) a Registration Statement registering for resale all of the Registrable Securities is not declared effective by the Commission by the Effectiveness Date of the Initial Registration Statement (provided that, if the Registration Statement does not allow for the resale of Registrable Securities at prevailing market prices (i.e., only allows for fixed price sales), the Company shall have been deemed to have not satisfied this clause) or (v) after the effective date of a Registration Statement, such Registration Statement ceases for any reason to remain continuously effective as to all Registrable Securities included in such Registration Statement, or the Holders are otherwise not permitted to utilize the Prospectus therein to resell such Registrable Securities, for more than ten (10) consecutive calendar days or more than an aggregate of fifteen (15) calendar days (which need not be consecutive calendar days) during any 12-month period (any such failure or breach being referred to as an “Event”, and for purposes of clauses (i) and (iv), the date on which such Event occurs, and for purpose of clause (ii) the date on which such five (5) Trading Day period is exceeded, and for purpose of clause (iii) the date which such ten (10) calendar day period is exceeded, and for purpose of clause (v) the date on which such ten (10) or fifteen (15) calendar day period, as applicable, is exceeded being referred to as “Event Date”), then, in addition to any other rights the Holders may have hereunder or under applicable law, on each such Event Date and on each monthly anniversary of each such Event Date (if the applicable Event shall not have been cured by such date) until the applicable Event is cured, the Company shall pay to each Holder an amount in cash, as partial liquidated damages and not as a penalty, equal to the product of 1.5% multiplied by the aggregate Subscription Amount paid by such Holder pursuant to the Purchase Agreement. If the Company fails to pay any partial liquidated damages pursuant to this Section in full within seven (7) days after the date payable, the Company will pay interest thereon at a rate of 18% per annum (or such lesser maximum amount that is permitted to be paid by applicable law) to the Holder, accruing daily from the date such partial liquidated damages are due until such amounts, plus all such interest thereon, are paid in full. The partial liquidated damages pursuant to the terms hereof shall apply on a daily pro rata basis for any portion of a month prior to the cure of an Event.

(e) If Form S-3 is not available for the registration of the resale of Registrable Securities hereunder, the Company shall (i) register the resale of the Registrable Securities on another appropriate form and (ii) undertake to register the Registrable Securities on Form S-3 as soon as such form is available, provided that the Company shall maintain the effectiveness of the Registration Statement then in effect until such time as a Registration Statement on Form S-3 covering the Registrable Securities has been declared effective by the Commission.

(f) Notwithstanding anything to the contrary contained herein, in no event shall the Company be permitted to name any Holder or affiliate of a Holder as any “underwriter” without the prior written consent of such Holder.

3. Registration Procedures.

In connection with the Company’s registration obligations hereunder, the Company shall:

(a) Not less than five (5) Trading Days prior to the filing of each Registration Statement and not less than one (1) Trading Day prior to the filing of any related Prospectus or any amendment or supplement thereto (including any document that would be incorporated or deemed to be incorporated therein by reference other than Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and any similar or successor reports), the Company shall (i) furnish to each Holder copies of all such documents proposed to be filed, which documents (other than those incorporated or deemed to be incorporated by reference) will be subject to the review of such Holders, and (ii) cause its officers and directors, counsel and independent registered public accountants to respond to such inquiries as shall be necessary, in the reasonable opinion of respective counsel to each Holder, to conduct a reasonable investigation within the meaning of the Securities Act. The Company shall not file a Registration Statement or any such Prospectus or any amendments or supplements thereto to which the Holders of a majority of the Registrable Securities shall reasonably object in good faith, provided that, the Company is notified of such objection in writing no later than five (5) Trading Days after the Holders have been so furnished copies of a Registration Statement or one (1) Trading Day after the Holders have been so furnished copies of any related Prospectus or amendments or supplements thereto. Each Holder agrees to furnish to the Company a completed questionnaire in the form attached to this Agreement as Annex C (a “Selling Stockholder Questionnaire”) on a date that is not less than two (2) Trading Days prior to the Filing Date or by the end of the fourth (4th) Trading Day following the date on which such Holder receives draft materials in accordance with this Section 3(a).

(b) (i) Prepare and file with the Commission such amendments, including post-effective amendments, to a Registration Statement and the Prospectus used in connection therewith as may be necessary to keep a Registration Statement continuously effective as to the applicable Registrable Securities for the Effectiveness Period and prepare and file with the Commission such additional Registration Statements in order to register for resale under the Securities Act all of the Registrable Securities, (ii) cause the related Prospectus to be amended or supplemented by any required Prospectus supplement (subject to the terms of this Agreement), and, as so supplemented or amended, to be filed pursuant to Rule 424, (iii) respond as promptly as reasonably possible to any comments received from the Commission with respect to a Registration Statement or any amendment thereto and provide as promptly as reasonably possible to the Holders true and complete copies of all correspondence from and to the Commission relating to a Registration Statement (provided that, the Company shall excise any information contained therein which would constitute material non-public information regarding the Company or any of its Subsidiaries), and (iv) comply in all material respects with the applicable provisions of the Securities Act and the Exchange Act with respect to the disposition of all Registrable Securities covered by a Registration Statement during the applicable period (subject to the terms of this Agreement) in accordance with the intended methods of disposition by the Holders thereof set forth in such Registration Statement as so amended or in such Prospectus as so supplemented.

(c) If during the Effectiveness Period, the number of Registrable Securities at any time exceeds 100% of the number of shares of Common Stock then registered in a Registration Statement, then the Company shall file as soon as reasonably practicable, but in any case prior to the applicable Filing Date, an additional Registration Statement covering the resale by the Holders of not less than the number of such Registrable Securities.

(d) Notify the Holders of Registrable Securities to be sold (which notice shall, pursuant to clauses (iii) through (vi) hereof, be accompanied by an instruction to suspend the use of the Prospectus until the requisite changes have been made) as promptly as reasonably possible (and, in the case of (i)(A) below, not less than one (1) Trading Day prior to such filing) and (if requested by any such Person) confirm such notice in writing no later than one (1) Trading Day following the day (i)(A) when a Prospectus or any Prospectus supplement or post-effective amendment to a Registration Statement is proposed to be filed, (B) when the Commission notifies the Company whether there will be a “review” of such Registration Statement and whenever the Commission comments in writing on such Registration Statement, and (C) with respect to a Registration Statement or any post-effective amendment, when the same has become effective, (ii) of any request by the Commission or any other federal or state governmental authority for amendments or supplements to a Registration Statement or Prospectus or for additional information, (iii) of the issuance by the Commission or any other federal or state governmental authority of any stop order suspending the effectiveness of a Registration Statement covering any or all of the Registrable Securities or the initiation of any Proceedings for that purpose, (iv) of the receipt by the Company of any notification with respect to the suspension of the qualification or exemption from qualification of any of the Registrable Securities for sale in any jurisdiction, or the initiation or threatening of any Proceeding for such purpose, (v) of the occurrence of any event or passage of time that makes the financial statements included in a Registration Statement ineligible for inclusion therein or any statement made in a Registration Statement or Prospectus or any document incorporated or deemed to be incorporated therein by reference untrue in any material respect or that requires any revisions to a Registration Statement, Prospectus or other documents so that, in the case of a Registration Statement or the Prospectus, as the case may be, it will not contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein, in light of the circumstances under which they were made, not misleading, and (vi) of the occurrence or existence of any pending corporate development with respect to the Company that the Company believes may be material and that, in the determination of the Company, makes it not in the best interest of the Company to allow continued availability of a Registration Statement or Prospectus; provided, however, that in no event shall any such notice contain any information which would constitute material, non-public information regarding the Company or any of its Subsidiaries, and the Company agrees that the Holders shall not have any duty of confidentiality to the Company or any of its Subsidiaries and shall not have any duty to the Company or any of its Subsidiaries not to trade on the basis of such information.

(e) Use commercially reasonable efforts to avoid the issuance of, or, if issued, obtain the withdrawal of (i) any order stopping or suspending the effectiveness of a Registration Statement, or (ii) any suspension of the qualification (or exemption from qualification) of any of the Registrable Securities for sale in any jurisdiction, at the earliest practicable moment.

(f) Furnish to each Holder, without charge, at least one conformed copy of each such Registration Statement and each amendment thereto, including financial statements and schedules, all documents incorporated or deemed to be incorporated therein by reference to the extent requested by such Person, and all exhibits to the extent requested by such Person (including those previously furnished or incorporated by reference) promptly after the filing of such documents with the Commission, provided that any such item which is available on the EDGAR system (or successor thereto) need not be furnished in physical form.

(g) Subject to the terms of this Agreement, the Company hereby consents to the use of such Prospectus and each amendment or supplement thereto by each of the selling Holders in connection with the offering and sale of the Registrable Securities covered by such Prospectus and any amendment or supplement thereto, except after the giving of any notice pursuant to Section 3(d).

(h) Prior to any resale of Registrable Securities by a Holder, use its commercially reasonable efforts to register or qualify or cooperate with the selling Holders in connection with the registration or qualification (or exemption from the registration or qualification) of such Registrable Securities for the resale by the Holder under the securities or Blue Sky laws of such jurisdictions within the United States as any Holder reasonably requests in writing, to keep each registration or qualification (or exemption therefrom) effective during the Effectiveness Period and to do any and all other acts or things reasonably necessary to enable the disposition in such jurisdictions of the Registrable Securities covered by each Registration Statement, provided that the Company shall not be required to qualify generally to do business in any jurisdiction where it is not then so qualified, subject the Company to any material tax in any such jurisdiction where it is not then so subject or file a general consent to service of process in any such jurisdiction.

(i) If requested by a Holder, cooperate with such Holder to facilitate the timely preparation and delivery of certificates representing Registrable Securities to be delivered to a transferee pursuant to a Registration Statement, which certificates shall be free, to the extent permitted by the Purchase Agreement and applicable law, of all restrictive legends, and to enable such Registrable Securities to be in such denominations and registered in such names as any such Holder may request.

(j) Upon the occurrence of any event contemplated by Section 3(d), as promptly as reasonably possible under the circumstances taking into account the Company's good faith assessment of any adverse consequences to the Company and its stockholders of the premature disclosure of such event, prepare a supplement or amendment, including a post-effective amendment, to the affected Registration Statements or a supplement to any related Prospectus or any document incorporated or deemed to be incorporated therein by reference, and file any other required document so that, as thereafter delivered, neither a Registration Statement nor such Prospectus will contain an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein, in light of the circumstances under which they were made, not misleading. If the Company notifies the Holders in accordance with clauses (iii) through (v) of Section 3(d) above to suspend the use of any Prospectus until the requisite changes to such Prospectus have been made, then the Holders shall suspend use of such Prospectus. The Company will use commercially reasonable efforts to ensure that the use of the Prospectus may be resumed as promptly as is practicable. The Company shall be entitled to exercise its right under this Section 3(j) to suspend the availability of a Registration Statement and Prospectus, subject to the payment of partial liquidated damages otherwise required pursuant to Section 2(d), for a period not to exceed 60 calendar days (which need not be consecutive days) in any 12-month period.

(k) Otherwise use commercially reasonable efforts to comply with all applicable rules and regulations of the Commission under the Securities Act and the Exchange Act, including, without limitation, Rule 172 under the Securities Act, file any final Prospectus, including any supplement or amendment thereof, with the Commission pursuant to Rule 424 under the Securities Act, promptly inform the Holders in writing if, at any time during the Effectiveness Period, the Company does not satisfy the conditions specified in Rule 172 and, as a result thereof, the Holders are required to deliver a Prospectus in connection with any disposition of Registrable Securities and take such other actions as may be reasonably necessary to facilitate the registration of the Registrable Securities hereunder.

(l) The Company shall use commercially reasonable efforts to maintain eligibility for use of Form S-3 (or any successor form thereto) for the registration of the resale of Registrable Securities.

(m) The Company may require each selling Holder to furnish to the Company a certified statement as to the number of shares of Common Stock beneficially owned by such Holder and, if required by the Commission, the natural persons thereof that have voting and dispositive control over the shares. During any periods that the Company is unable to meet its obligations hereunder with respect to the registration of the Registrable Securities solely because any Holder fails to furnish such information within three Trading Days of the Company's request, any liquidated damages that are accruing at such time as to such Holder only shall be tolled and any Event that may otherwise occur solely because of such delay shall be suspended as to such Holder only, until such information is delivered to the Company.

4. Registration Expenses. All fees and expenses incident to the performance of or compliance with, this Agreement by the Company shall be borne by the Company whether or not any Registrable Securities are sold pursuant to a Registration Statement. The fees and expenses referred to in the foregoing sentence shall include, without limitation, (i) all registration and filing fees (including, without limitation, fees and expenses of the Company's counsel and independent registered public accountants) (A) with respect to filings made with the Commission, (B) with respect to filings required to be made with any Trading Market on which the Common Stock is then listed for trading, and (C) in compliance with applicable state securities or Blue Sky laws reasonably agreed to by the Company in writing (including, without limitation, fees and disbursements of counsel for the Company in connection with Blue Sky qualifications or exemptions of the Registrable Securities), (ii) printing expenses (including, without limitation, expenses of printing certificates for Registrable Securities), (iii) messenger, telephone and delivery expenses, (iv) fees and disbursements of counsel and independent registered public accountants for the Company, (v) Securities Act liability insurance, if the Company so desires such insurance, and (vi) fees and expenses of all other Persons retained by the Company in connection with the consummation of the transactions contemplated by this Agreement. In addition, the Company shall be responsible for all of its internal expenses incurred in connection with the consummation of the transactions contemplated by this Agreement (including, without limitation, all salaries and expenses of its officers and employees performing legal or accounting duties), the expense of any annual audit and the fees and expenses incurred in connection with the listing of the Registrable Securities on any securities exchange as required hereunder. In no event shall the Company be responsible for any broker or similar commissions of any Holder or, except to the extent provided for in the Transaction Documents, any legal fees or other costs of the Holders.

5. Indemnification.

(a) Indemnification by the Company. The Company shall, notwithstanding any termination of this Agreement, indemnify and hold harmless each Holder, the officers, directors, members, partners, agents, brokers (including brokers who offer and sell Registrable Securities as principal as a result of a pledge or any failure to perform under a margin call of Common Stock), investment advisors and employees (and any other Persons with a functionally equivalent role of a Person holding such titles, notwithstanding a lack of such title or any other title) of each of them, each Person who controls any such Holder (within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act) and the officers, directors, members, stockholders, partners, agents and employees (and any other Persons with a functionally equivalent role of a Person holding such titles, notwithstanding a lack of such title or any other title) of each such controlling Person, to the fullest extent permitted by applicable law, from and against any and all losses, claims, damages, liabilities, costs (including, without limitation, reasonable attorneys' fees) and expenses (collectively, "Losses"), as incurred, arising out of or relating to (1) any untrue or alleged untrue statement of a material fact contained in a Registration Statement, any Prospectus or any form of prospectus or in any amendment or supplement thereto or in any preliminary prospectus, or arising out of or relating to any omission or alleged omission of a material fact required to be stated therein or necessary to make the statements therein (in the case of any Prospectus or supplement thereto, in light of the circumstances under which they were made) not misleading or (2) any violation or alleged violation by the Company of the Securities Act, the Exchange Act or any state securities law, or any rule or regulation thereunder, in connection with the performance of its obligations under this Agreement, except to the extent, but only to the extent, that (i) such untrue statements or omissions are based solely upon information regarding such Holder furnished in writing to the Company by such Holder expressly for use therein, or to the extent that such information relates to such Holder or such Holder's proposed method of distribution of Registrable Securities and was reviewed and expressly approved in writing by such Holder expressly for use in a Registration Statement, such Prospectus or in any amendment or supplement thereto (it being understood that the Holder has approved Annex A hereto for this purpose) or (ii) in the case of an occurrence of an event of the type specified in Section 3(d)(iii)-(v), the use by such Holder of an outdated, defective or otherwise unavailable Prospectus after the Company has notified such Holder in writing that the Prospectus is outdated, defective or otherwise unavailable for use by such Holder and prior to the receipt by such Holder of the Advice contemplated in Section 6(c). The Company shall notify the Holders promptly of the institution, threat or assertion of any Proceeding arising from or in connection with the transactions contemplated by this Agreement of which the Company is aware. Such indemnity shall remain in full force and effect regardless of any investigation made by or on behalf of such indemnified person and shall survive the transfer of any Registrable Securities by any of the Holders in accordance with Section 6(f).

(b) Indemnification by Holders. Each Holder shall, severally and not jointly, indemnify and hold harmless the Company, its directors, officers, agents and employees, each Person who controls the Company (within the meaning of Section 15 of the Securities Act and Section 20 of the Exchange Act), and the directors, officers, agents or employees of such controlling Persons, to the fullest extent permitted by applicable law, from and against all Losses, as incurred, to the extent arising out of or based solely upon: any untrue or alleged untrue statement of a material fact contained in any Registration Statement, any Prospectus, or in any amendment or supplement thereto or in any preliminary prospectus, or arising out of or relating to any omission or alleged omission of a material fact required to be stated therein or necessary to make the statements therein (in the case of any Prospectus or supplement thereto, in light of the circumstances under which they were made) not misleading (i) to the extent, but only to the extent, that such untrue statement or omission is contained in any information so furnished in writing by such Holder to the Company expressly for inclusion in such Registration Statement or such Prospectus, or (ii) to the extent, but only to the extent, that such information relates to such Holder's information provided in the Selling Stockholder Questionnaire or the proposed method of distribution of Registrable Securities and was reviewed and expressly approved in writing by such Holder expressly for use in a Registration Statement (it being understood that the Holder has approved Annex A hereto for this purpose), such Prospectus or in any amendment or supplement thereto. In no event shall the liability of a selling Holder be greater in amount than the dollar amount of the net proceeds received by such Holder upon the sale of the Registrable Securities giving rise to such indemnification obligation.

(c) Conduct of Indemnification Proceedings. If any Proceeding shall be brought or asserted against any Person entitled to indemnity hereunder (an "Indemnified Party"), such Indemnified Party shall promptly notify the Person from whom indemnity is sought (the "Indemnifying Party") in writing, and the Indemnifying Party shall have the right to assume the defense thereof, including the employment of counsel reasonably satisfactory to the Indemnified Party and the payment of all reasonable fees and expenses incurred in connection with defense thereof, provided that the failure of any Indemnified Party to give such notice shall not relieve the Indemnifying Party of its obligations or liabilities pursuant to this Agreement, except (and only) to the extent that it shall be finally determined by a court of competent jurisdiction (which determination is not subject to appeal or further review) that such failure shall have materially and adversely prejudiced the Indemnifying Party.

An Indemnified Party shall have the right to employ separate counsel in any such Proceeding and to participate in the defense thereof, but the fees and expenses of such counsel shall be at the expense of such Indemnified Party or Parties unless: (1) the Indemnifying Party has agreed in writing to pay such fees and expenses, (2) the Indemnifying Party shall have failed promptly to assume the defense of such Proceeding and to employ counsel reasonably satisfactory to such Indemnified Party in any such Proceeding, or (3) the named parties to any such Proceeding (including any impleaded parties) include both such Indemnified Party and the Indemnifying Party, and counsel to the Indemnified Party shall reasonably believe that a material conflict of interest is likely to exist if the same counsel were to represent such Indemnified Party and the Indemnifying Party (in which case, if such Indemnified Party notifies the Indemnifying Party in writing that it elects to employ separate counsel at the expense of the Indemnifying Party, the Indemnifying Party shall not have the right to assume the defense thereof and the reasonable fees and expenses of no more than one separate counsel shall be at the expense of the Indemnifying Party). The Indemnifying Party shall not be liable for any settlement of any such Proceeding effected without its written consent, which consent shall not be unreasonably withheld or delayed. No Indemnifying Party shall, without the prior written consent of the Indemnified Party, effect any settlement of any pending Proceeding in respect of which any Indemnified Party is a party, unless such settlement includes an unconditional release of such Indemnified Party from all liability on claims that are the subject matter of such Proceeding.

Subject to the terms of this Agreement, all reasonable fees and expenses of the Indemnified Party (including reasonable fees and expenses to the extent incurred in connection with investigating or preparing to defend such Proceeding in a manner not inconsistent with this Section) shall be paid to the Indemnified Party, as incurred, within ten Trading Days of written notice thereof to the Indemnifying Party, provided that the Indemnified Party shall promptly reimburse the Indemnifying Party for that portion of such fees and expenses applicable to such actions for which such Indemnified Party is finally determined by a court of competent jurisdiction (which determination is not subject to appeal or further review) not to be entitled to indemnification hereunder.

(d) Contribution. If the indemnification under Section 5(a) or 5(b) is unavailable to an Indemnified Party or insufficient to hold an Indemnified Party harmless for any Losses, then each Indemnifying Party shall contribute to the amount paid or payable by such Indemnified Party, in such proportion as is appropriate to reflect the relative fault of the Indemnifying Party and Indemnified Party in connection with the actions, statements or omissions that resulted in such Losses as well as any other relevant equitable considerations. The relative fault of such Indemnifying Party and Indemnified Party shall be determined by reference to, among other things, whether any action in question, including any untrue or alleged untrue statement of a material fact or omission or alleged omission of a material fact, has been taken or made by, or relates to information supplied by, such Indemnifying Party or Indemnified Party, and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such action, statement or omission. The amount paid or payable by a party as a result of any Losses shall be deemed to include, subject to the limitations set forth in this Agreement, any reasonable attorneys' or other fees or expenses incurred by such party in connection with any Proceeding to the extent such party would have been indemnified for such fees or expenses if the indemnification provided for in this Section was available to such party in accordance with its terms.

The parties hereto agree that it would not be just and equitable if contribution pursuant to this Section 5(d) were determined by pro rata allocation or by any other method of allocation that does not take into account the equitable considerations referred to in the immediately preceding paragraph. In no event shall the contribution obligation of a Holder of Registrable Securities be greater in amount than the dollar amount of the net proceeds received by such Holder from the sale of Registrable Securities subject to the Proceeding exceeds the amount of any damages such Holder has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission.

The indemnity and contribution agreements contained in this Section 5 are in addition to any liability that the Indemnifying Parties may have to the Indemnified Parties.

6. Miscellaneous.

(a) Remedies. In the event of a breach by the Company or by a Holder of any of their respective obligations under this Agreement, each Holder or the Company, as the case may be, in addition to being entitled to exercise all rights granted by law and under this Agreement, including recovery of damages, shall be entitled to specific performance of its rights under this Agreement. Each of the Company and each Holder agrees that monetary damages would not provide adequate compensation for any losses incurred by reason of a breach by it of any of the provisions of this Agreement and hereby further agrees that, in the event of any action for specific performance in respect of such breach, it shall not assert or shall waive the defense that a remedy at law would be adequate.

(b) No Piggyback on Registrations; Prohibition on Filing Other Registration Statements. Except as set forth on Schedule 6(b) attached hereto, and the shares of Common Stock issuable upon exercise of the warrants issued to the Placement Agent in the transactions contemplated by the Purchase Agreement, neither the Company nor any of its security holders (other than the Holders in such capacity pursuant hereto) may include securities of the Company in any Registration Statements other than the Registrable Securities.

(c) Discontinued Disposition. By its acquisition of Registrable Securities, each Holder agrees that, upon receipt of a notice from the Company of the occurrence of any event of the kind described in Section 3(d)(iii) through (vi), such Holder will forthwith discontinue disposition of such Registrable Securities under a Registration Statement until it is advised in writing (the “Advice”) by the Company that the use of the applicable Prospectus (as it may have been supplemented or amended) may be resumed. The Company will use commercially reasonable efforts to ensure that the use of the Prospectus may be resumed as promptly as is practicable. The Company agrees and acknowledges that any periods during which the Holder is required to discontinue the disposition of the Registrable Securities hereunder shall be subject to the provisions of Section 2(d).

(d) Amendments and Waivers. The provisions of this Agreement, including the provisions of this sentence, may not be amended, modified or supplemented, and waivers or consents to departures from the provisions hereof may not be given, unless the same shall be in writing and signed by the Company and the Holders of 50.1% or more of the then outstanding Registrable Securities (for purposes of clarification, this includes any Registrable Securities issuable upon exercise or conversion of any Security), provided that, if any amendment, modification or waiver disproportionately and adversely impacts a Holder (or group of Holders), the consent of such disproportionately impacted Holder (or group of Holders) shall be required. If a Registration Statement does not register all of the Registrable Securities pursuant to a waiver or amendment done in compliance with the previous sentence, then the number of Registrable Securities to be registered for each Holder shall be reduced pro rata among all Holders and each Holder shall have the right to designate which of its Registrable Securities shall be omitted from such Registration Statement. Notwithstanding the foregoing, a waiver or consent to depart from the provisions hereof with respect to a matter that relates exclusively to the rights of a Holder or some Holders and that does not directly or indirectly affect the rights of other Holders may be given only by such Holder or Holders of all of the Registrable Securities to which such waiver or consent relates; provided, however, that the provisions of this sentence may not be amended, modified, or supplemented except in accordance with the provisions of the first sentence of this Section 6(d). No consideration shall be offered or paid to any Person to amend or consent to a waiver or modification of any provision of this Agreement unless the same consideration also is offered to all of the parties to this Agreement.

(e) Notices. Any and all notices or other communications or deliveries required or permitted to be provided hereunder shall be delivered as set forth in the Purchase Agreement.

(f) Successors and Assigns. This Agreement shall inure to the benefit of and be binding upon the successors and permitted assigns of each of the parties and shall inure to the benefit of each Holder. The Company may not assign (except by merger) its rights or obligations hereunder without the prior written consent of all of the Holders of the then outstanding Registrable Securities. Each Holder may assign their respective rights hereunder in the manner and to the Persons as permitted under Section 5.7 of the Purchase Agreement.

(g) No Inconsistent Agreements. Neither the Company nor any of its Subsidiaries has entered, as of the date hereof, nor shall the Company or any of its Subsidiaries, on or after the date of this Agreement, enter into any agreement with respect to its securities, that would have the effect of impairing the rights granted to the Holders in this Agreement or otherwise conflicts with the provisions hereof. Neither the Company nor any of its Subsidiaries has previously entered into any agreement granting any registration rights with respect to any of its securities to any Person that have not been satisfied in full.

(h) Execution and Counterparts. This Agreement may be executed in two or more counterparts, all of which when taken together shall be considered one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to the other party, it being understood that both parties need not sign the same counterpart. In the event that any signature is delivered by e-mail delivery of a “.pdf” format data file or any electronic signature complying with the U.S. federal ESIGN Act of 2000 (e.g., www.docusign.com), such signature shall create a valid and binding obligation of the party executing (or on whose behalf such signature is executed) with the same force and effect as if such “.pdf” signature page were an original thereof.

(i) Governing Law. All questions concerning the construction, validity, enforcement and interpretation of this Agreement shall be determined in accordance with the provisions of the Purchase Agreement.

(j) Cumulative Remedies. The remedies provided herein are cumulative and not exclusive of any other remedies provided by law.

(k) Severability. If any term, provision, covenant or restriction of this Agreement is held by a court of competent jurisdiction to be invalid, illegal, void or unenforceable, the remainder of the terms, provisions, covenants and restrictions set forth herein shall remain in full force and effect and shall in no way be affected, impaired or invalidated, and the parties hereto shall use their commercially reasonable efforts to find and employ an alternative means to achieve the same or substantially the same result as that contemplated by such term, provision, covenant or restriction. It is hereby stipulated and declared to be the intention of the parties that they would have executed the remaining terms, provisions, covenants and restrictions without including any of such that may be hereafter declared invalid, illegal, void or unenforceable.

(l) Headings. The headings in this Agreement are for convenience only, do not constitute a part of the Agreement and shall not be deemed to limit or affect any of the provisions hereof.

(m) Independent Nature of Holders’ Obligations and Rights. The obligations of each Holder hereunder are several and not joint with the obligations of any other Holder hereunder, and no Holder shall be responsible in any way for the performance of the obligations of any other Holder hereunder. Nothing contained herein or in any other agreement or document delivered at any closing, and no action taken by any Holder pursuant hereto or thereto, shall be deemed to constitute the Holders as a partnership, an association, a joint venture or any other kind of group or entity, or create a presumption that the Holders are in any way acting in concert or as a group or entity with respect to such obligations or the transactions contemplated by this Agreement or any other matters, and the Company acknowledges that the Holders are not acting in concert or as a group, and the Company shall not assert any such claim, with respect to such obligations or transactions. Each Holder shall be entitled to protect and enforce its rights, including without limitation the rights arising out of this Agreement, and it shall not be necessary for any other Holder to be joined as an additional party in any proceeding for such purpose. The use of a single agreement with respect to the obligations of the Company contained was solely in the control of the Company, not the action or decision of any Holder, and was done solely for the convenience of the Company and not because it was required or requested to do so by any Holder. It is expressly understood and agreed that each provision contained in this Agreement is between the Company and a Holder, solely, and not between the Company and the Holders collectively and not between and among Holders.

(Signature Pages Follow)

IN WITNESS WHEREOF, the parties have executed this Registration Rights Agreement as of the date first written above.

NUVVE HOLDING CORP.

By: _____
Name: Gregory Poilasne
Title: Chief Executive Officer

[SIGNATURE PAGE OF HOLDERS FOLLOWS]

[SIGNATURE PAGE OF HOLDERS TO NVVE RRA]

Name of Holder: _____

Signature of Authorized Signatory of Holder: _____

Name of Authorized Signatory: _____

Title of Authorized Signatory: _____

[SIGNATURE PAGES CONTINUE]

Plan of Distribution

SELLING SHAREHOLDERS

Selling Stockholder Notice and Questionnaire

The undersigned hereby provides the following information to the Company and represents and warrants that such information is accurate:

QUESTIONNAIRE

1. Name.

(a) Full Legal Name of Selling Stockholder

(b) Full Legal Name of Registered Holder (if not the same as (a) above) through which Registrable Securities are held:

(c) Full Legal Name of Natural Control Person (which means a natural person who directly or indirectly alone or with others has power to vote or dispose of the securities covered by this Questionnaire):

2. Address for Notices to Selling Stockholder:

Telephone: _____

E-Mail: _____

Contact Person: _____

3. Broker-Dealer Status:

(a) Are you a broker-dealer?

Yes No

(b) If "yes" to Section 3(a), did you receive your Registrable Securities as compensation for investment banking services to the Company?

Yes No

Note: If "no" to Section 3(b), the Commission's staff has indicated that you should be identified as an underwriter in the Registration Statement.

(c) Are you an affiliate of a broker-dealer?

Yes No

(d) If you are an affiliate of a broker-dealer, do you certify that you purchased the Registrable Securities in the ordinary course of business, and at the time of the purchase of the Registrable Securities to be resold, you had no agreements or understandings, directly or indirectly, with any person to distribute the Registrable Securities?

Yes No

Note: If "no" to Section 3(d), the Commission's staff has indicated that you should be identified as an underwriter in the Registration Statement.

4. Beneficial Ownership of Securities of the Company Owned by the Selling Stockholder.

Except as set forth below in this Item 4, the undersigned is not the beneficial or registered owner of any securities of the Company other than the securities issuable pursuant to the Purchase Agreement.

(a) Type and Amount of other securities beneficially owned by the Selling Stockholder:

5. Relationships with the Company:

Except as set forth below, neither the undersigned nor any of its affiliates, officers, directors or principal equity holders (owners of 5% of more of the equity securities of the undersigned) has held any position or office or has had any other material relationship with the Company (or its predecessors or affiliates) during the past three years.

State any exceptions here:

The undersigned agrees to promptly notify the Company of any material inaccuracies or changes in the information provided herein that may occur subsequent to the date hereof at any time while the Registration Statement remains effective; provided, that the undersigned shall not be required to notify the Company of any changes to the number of securities held or owned by the undersigned or its affiliates.

By signing below, the undersigned consents to the disclosure of the information contained herein in its answers to Items 1 through 5 and the inclusion of such information in the Registration Statement and the related prospectus and any amendments or supplements thereto. The undersigned understands that such information will be relied upon by the Company in connection with the preparation or amendment of the Registration Statement and the related prospectus and any amendments or supplements thereto.

IN WITNESS WHEREOF the undersigned, by authority duly given, has caused this Notice and Questionnaire to be executed and delivered either in person or by its duly authorized agent.

Date: _____

Beneficial Owner: _____

By: _____
Name:
Title:

PLEASE EMAIL A .PDF COPY OF THE COMPLETED AND EXECUTED NOTICE AND QUESTIONNAIRE TO:

Nuvve Holding Corp.
2488 Historic Decatur Road,
Ste 230
San Diego, California 92106
Attention: Chief Financial Officer
Email: drobson@nuvve.com

With a copy to (which shall not constitute notice):

Alan Lanis, Jr.
BakerHostetler LLP
1900 Avenue of the Stars, Suite 2700
Los Angeles, California 90025
Email: jrlanis@bakerlaw.com

COMMON SHARES PURCHASE AGREEMENT

This **COMMON SHARES PURCHASE AGREEMENT** is made and entered into as of November [], 2025 (this “**Agreement**”), by and between [], a Delaware limited partnership and/or its assignee (the “**Investor**”), and Nuvve Holding Corp., a Delaware corporation (the “**Company**”).

RECITALS

WHEREAS, the parties desire that, upon the terms and subject to the conditions and limitations set forth herein, the Company may issue and sell to the Investor, from time to time as provided herein, and the Investor shall purchase from the Company, up to the lesser of (i) \$25,000,000 (the “**Total Commitment**”) in aggregate gross purchase price of duly authorized, validly issued, fully paid and non-assessable common stock of the Company, par value \$0.0001 per share (the “**Common Shares**”) and (ii) the Exchange Cap (to the extent applicable under Section 3.3); and

WHEREAS, such sales of Common Shares by the Company to the Investor will be made in reliance upon the provisions of Section 4(a)(2) of the Securities Act (“**Section 4(a)(2)**”) and/or Rule 506(b) of Regulation D promulgated by the Commission under the Securities Act (“**Regulation D**”), and upon such other exemption from the registration requirements of the Securities Act as may be available with respect to any or all of the issuances and sales of Common Shares by the Company to the Investor to be made hereunder.

NOW, THEREFORE, the parties hereto, intending to be legally bound, hereby agree as follows:

**ARTICLE I
DEFINITIONS**

Capitalized terms used in this Agreement shall have the meanings ascribed to such terms in Annex I hereto, and hereby made a part hereof, or as otherwise set forth in this Agreement.

**ARTICLE II
PURCHASE AND SALE OF COMMON SHARES**

Section 2.1. Purchase and Sale of Shares. Upon the terms and subject to the conditions of this Agreement, during the Investment Period, the Company, in its sole discretion, shall have the right, but not the obligation, to issue and sell to the Investor, and the Investor shall purchase from the Company, up to the lesser of (i) the Total Commitment and (ii) the Exchange Cap, to the extent applicable under Section 3.3 (such lesser amount of Common Shares, the “**Aggregate Limit**”), by the delivery to the Investor of VWAP Purchase Notices as provided in Article III.

Section 2.2. Closing Date; Settlement Dates. This Agreement shall become effective and binding upon (a) the delivery of counterpart signature pages of this Agreement executed by each of the parties hereto, and (b) the delivery of all other documents, instruments and writings required to be delivered pursuant to this Agreement, as provided in Section 7.1 at or prior to 9:00 a.m. New York City time on the Closing Date (the “**Closing**”). In consideration of and in express reliance upon the representations, warranties and covenants contained in, and upon the terms and subject to the conditions of, this Agreement, during the Investment Period, the Company, at its sole option and discretion, may issue and sell to the Investor, and, if the Company elects to so issue and sell, the Investor shall purchase from the Company, the Shares in respect of each VWAP Purchase. The delivery of Shares in respect of each VWAP Purchase, and the payment for such Shares, shall occur in accordance with Section 3.2, provided that all of the conditions precedent in Article VII shall have been fulfilled at the applicable times set forth in Article VII.

Section 2.3. Initial Public Announcements and Required Filings. The Company shall, after the Closing but not later than 9:00 a.m., New York City time, on the Trading Day after the date of this Agreement, file with the Commission either a current report on Form 8-K (including any exhibits thereto) or its quarterly report on Form 10-Q (including any relevant exhibits thereto) disclosing the execution of this Agreement by the Company and the Investor (as applicable, the “**Announcement Report**”). The Company shall provide the Investor and its legal counsel a reasonable opportunity to comment on a draft of the current report on Form 8-K, or the relevant disclosure from the quarterly report on Form 10-Q, as applicable, prior to filing the Announcement Report with the Commission and shall give due consideration to all such comments. From and after the filing of the Announcement Report with the Commission, the Company shall publicly disclose all material, nonpublic information delivered to the Investor (or the Investor’s representatives or agents) by the Company or any of its Subsidiaries, or any of their respective officers, directors, employees, agents or representatives (if any) in connection with the transactions contemplated by the Transaction Documents. The Company shall use its reasonable best efforts to prepare and, as soon as practicable, file with the Commission the Initial Registration Statement and any New Registration Statement covering only the resale by the Investor of the Registrable Securities in accordance with the Securities Act. At or before 5:30 p.m. (New York City time) on the second (2nd) Trading Day immediately following the Effective Date of the Initial Registration Statement and any New Registration Statement (or any post-effective amendment thereto), the Company shall use its reasonable best efforts to file with the Commission in accordance with Rule 424(b) under the Securities Act the final Prospectus to be used in connection with resales of the Registrable Securities by the Investor pursuant to such Registration Statement (or post-effective amendment thereto).

**ARTICLE III
PURCHASE TERMS**

Subject to the satisfaction of the conditions set forth in Article VII, the parties agree as follows:

Section 3.1. VWAP Purchases. Upon the initial satisfaction of all of the conditions set forth in Section 7.1 (the “*Commencement*” and the date of initial satisfaction of all of such conditions, the “*Commencement Date*”) and from time to time thereafter, subject to the satisfaction of all of the conditions set forth in Section 7.2, the Company shall have the right, but not the obligation, to direct the Investor, by its timely delivery to the Investor of a VWAP Purchase Notice, in substantially the form attached hereto as Exhibit A, after 6:00 a.m., New York City time, but prior to 9:00 a.m., New York City time, on a VWAP Purchase Date, to purchase a number of Common Shares equal to the VWAP Purchase Share Request at the applicable VWAP Purchase Price therefor on such VWAP Purchase Date in accordance with this Agreement (each such purchase, a “*VWAP Purchase*”). In addition, the Investor may, in its sole discretion, accept a VWAP Purchase Notice after 9:00 a.m., New York City time, on a VWAP Purchase Date, provided that such acceptance, once provided, shall be irrevocable and binding and the Company’s obligation to deliver the shares that are the subject of such VWAP Purchase Notice shall be binding; *provided* that, if the Investor does not accept a VWAP Purchase Notice that is delivered after 9:00 a.m., New York City time, such VWAP Purchase Notice shall be deemed to be null and void. The Investor may also, in its sole discretion, accept additional VWAP Purchase Notices within a Trading Day, in which case any prior VWAP Purchase Notice accepted by the Investor in such Trading Day shall be null, void, superseded and replaced in its entirety by such subsequent VWAP Purchase Notice. The Company may timely deliver a VWAP Purchase Notice to the Investor as often as every five (5) Trading Days (and may deliver multiple VWAP Purchase Notices in any given day, it being understood that a subsequent VWAP Purchase Notice will supersede and replace all earlier VWAP Purchase Notices delivered within the same Trading Day in their entirety), so long as all Shares subject to all prior VWAP Purchases theretofore required to have been received by the Investor as DWAC Shares under this Agreement have been delivered to the Investor as DWAC Shares in accordance with this Agreement. The Investor is obligated to accept each VWAP Purchase Notice prepared and delivered by the Company in accordance with the terms of and subject to the satisfaction of the conditions contained in this Agreement. If the Company delivers any VWAP Purchase Notice directing the Investor to purchase a number of Shares that is in excess of the applicable VWAP Purchase Share Amount, such VWAP Purchase Notice shall be void *ab initio* to the extent of the amount by which the VWAP Purchase Share Estimate set forth in such VWAP Purchase Notice exceeds such applicable VWAP Purchase Share Amount, and the Investor shall have no obligation to purchase such excess Shares in respect of such VWAP Purchase Notice; *provided, however*, that the Investor shall remain obligated to purchase the applicable VWAP Purchase Share Amount in such VWAP Purchase. On the date of delivery of any VWAP Purchase Notice, the Company shall, prior to 9:00 a.m., New York City time (or as promptly as practicable thereafter in the case of a VWAP Purchase Notice delivered after 9:00 a.m., New York City time, that is accepted by the Investor), issue to the Investor a number of DWAC Shares equal to the VWAP Purchase Share Estimate (the date such Shares are delivered, the “*VWAP Purchase Share Delivery Date*”). In no event shall the Investor, pursuant to any VWAP Purchase, purchase a number of Shares constituting the applicable VWAP Purchase Share Amount that exceeds the VWAP Purchase Share Estimate issued on the VWAP Purchase Date in connection with such VWAP Purchase Notice; however, the Investor will immediately return to the Company any Shares issued pursuant to the VWAP Purchase Share Estimate that exceeds the number of Shares constituting the applicable VWAP Purchase Share Amount the Investor actually purchases in connection with such VWAP Purchase. In no event shall the Investor purchase a number of Shares that exceeds the specified VWAP Purchase Share Estimate included in a given VWAP Purchase Notice in connection with such VWAP Purchase. In addition, it is acknowledged and agreed that the Company may not deliver any additional VWAP Purchase Notice to the Investor until all Shares subject to a VWAP Purchase, and all Shares subject to all prior VWAP Purchase Notices, have been received by the Investor as DWAC Shares in accordance with this Agreement. At or prior to 5:30 p.m., New York City time, on the VWAP Purchase Date for each VWAP Purchase, the Investor shall provide to the Company a written confirmation for such VWAP Purchase (each, a “*VWAP Purchase Confirmation*”) setting forth the applicable VWAP Purchase Price per Share to be paid by the Investor in such VWAP Purchase, and the total aggregate VWAP Purchase Price to be paid by the Investor for the total VWAP Purchase Share Amount purchased by the Investor in such VWAP Purchase. Notwithstanding the foregoing, the Company shall not deliver any VWAP Purchase Notices to the Investor during the Post-Effective Amendment Period.

Section 3.2. Payment and Settlement. For each VWAP Purchase, the Investor shall pay to the Company an amount in cash equal to the product of (a) the applicable VWAP Purchase Share Amount and (b) the applicable VWAP Purchase Price for such Shares (the “**VWAP Purchase Amount**”), as full payment for such Shares purchased by the Investor in such VWAP Purchase, via wire transfer of immediately available funds, not later than 5:00 p.m., New York City time, no later than the second (2nd) Trading Day immediately following the applicable VWAP Purchase Share Delivery Date for such VWAP Purchase, provided the Investor shall have received, before 1:00 p.m., New York City time, as DWAC Shares, all of such Shares purchased by the Investor in such VWAP Purchase on such VWAP Purchase Share Delivery Date in accordance with the first sentence of this Section 3.2, or, if any of such Shares are received by the Investor after 1:00 p.m., New York City time, then the Company’s receipt of such funds in its designated account may occur not later than the third (3rd) Trading Day following the Trading Day on which the Investor shall have received all of such Shares as DWAC Shares, but not later than 5:00 p.m., New York City time, on such third (3rd) Trading Day. If the Investor fails to pay the VWAP Purchase Amount when due, the defaulting Investor will return the DWAC Shares to the Company. If the Company or the Transfer Agent shall fail for any reason to deliver to the Investor, as DWAC Shares, any Shares purchased by the Investor in a VWAP Purchase prior to 4:30 p.m., New York City time, on the Trading Day immediately following the applicable VWAP Purchase Share Delivery Date for such VWAP Purchase, and if after such Trading Day the Investor purchases (in an open market transaction or otherwise) Common Shares to deliver in satisfaction of a sale by the Investor of such Shares that the Investor anticipated receiving from the Company on such VWAP Purchase Share Delivery Date in respect of such VWAP Purchase, then the Company shall, within one (1) Trading Day after the Investor’s request, either (i) pay cash to the Investor in an amount equal to the Investor’s total purchase price (including brokerage commissions, if any) for the Common Shares so purchased (the “**Cover Price**”), at which point the Company’s obligation to deliver such Shares as DWAC Shares shall terminate, or (ii) promptly honor its obligation to deliver to the Investor such Shares as DWAC Shares and pay cash to the Investor in an amount equal to the excess (if any) of the Cover Price over the VWAP Purchase Amount; *provided*, that the Investor agrees to use its commercially reasonable efforts to purchase Common Shares in respect of the Cover Price only in normal brokerage transactions at the prevailing price per Common Share then available. The Company shall not issue any fraction of a share of Common Shares to the Investor in connection with any VWAP Purchase effected pursuant to this Agreement. If the issuance would result in the issuance of a fraction of a share of Common Shares, the Company shall round such fraction of a share of Common Shares up to the nearest whole share. All payments to be made by the Investor pursuant to this Agreement shall be made by wire transfer of immediately available funds in United States dollars to such account as the Company may from time to time designate by written notice to the Investor in accordance with the provisions of this Agreement.

Section 3.3. Compliance with Rules of Principal Market.

(a) **Exchange Cap.** The Company shall not issue or sell any Common Shares pursuant to this Agreement, and the Investor shall not purchase or acquire any Common Shares pursuant to this Agreement, to the extent that after giving effect thereto, the aggregate number of Common Shares that would be issued pursuant to this Agreement and the transactions contemplated hereby would exceed [6,709,845] Common Shares (representing 19.99% of the voting power or number of Common Shares, issued and outstanding immediately prior to the execution of this Agreement, subject to the Exchange Cap Allocation), which number of shares shall be reduced, on a share-for-share basis, by the number of Common Shares issued or issuable pursuant to any transaction or series of transactions that may be aggregated with the transactions contemplated by this Agreement under applicable rules of the Principal Market (such maximum number of shares, the “*Exchange Cap*”), unless the Company’s shareholders have approved the issuance of Common Shares pursuant to this Agreement in excess of the Exchange Cap in accordance with the applicable rules of the Principal Market, unless “average price” of all purchases under the Purchase Agreement equals or exceeds the Minimum Price, adjusted to take into account the Upfront Commitment Fee such that issuances and sales of Common Stock under this Agreement are deemed “at market” pursuant to the corporate governance rules of the Principal Market. If the Company issues shares above the Exchange Cap in reliance on this clause, the “average price” of all purchases under the Purchase Agreement for the remainder of the term of the Purchase Agreement must always equal or exceed the Minimum Price. For the avoidance of doubt, the Company may, but shall be under no obligation to, request its shareholders to approve the issuance of Common Shares pursuant to this Agreement; provided, that if such shareholder approval is not obtained, the Exchange Cap shall be applicable for all purposes of this Agreement and the transactions contemplated hereby at all times during the term of this Agreement.

(b) **General.** The Company shall not issue or sell any Common Shares pursuant to this Agreement if such issuance or sale would reasonably be expected to result in (A) a violation of the Securities Act or (B) a breach of the rules of the Principal Market.

Section 3.4. Beneficial Ownership Limitation. Notwithstanding anything to the contrary contained in this Agreement, the Investor shall not be obligated to purchase or acquire, and shall not purchase or acquire, any Common Shares under this Agreement which, when aggregated with all other Common Shares then beneficially owned by the Investor and its affiliates (as calculated pursuant to Section 13(d) of the Exchange Act and Rule 13d-3 promulgated thereunder), would result in the beneficial ownership by the Investor and its affiliates (on an aggregated basis) of more than 9.99% of the outstanding voting power or number of Common Shares (the “*Beneficial Ownership Limitation*”). Upon the written request of the Investor, the Company shall promptly (but not later than the next business day on which the Transfer Agent is open for business) confirm orally or in writing to the Investor the number of Common Shares then outstanding. The Investor and the Company shall each cooperate in good faith in the determinations required under this Section 3.4 and the application of this Section 3.4. The Investor’s written certification to the Company of the applicability of the Beneficial Ownership Limitation, and the resulting effect thereof hereunder at any time, shall be conclusive with respect to the applicability thereof and such result absent manifest error.

Section 3.5. Upfront Commitment Fee. In consideration for the Investor's execution and delivery of this Agreement, the Company shall pay the Upfront Commitment Fee to the Investor in the form of a pre-funded warrant to purchase Common Stock, in the form of Exhibit B hereto (the "**Commitment Fee Warrant**"), simultaneous with the Closing.

**ARTICLE IV
REPRESENTATIONS, WARRANTIES AND COVENANTS OF THE INVESTOR**

The Investor hereby makes the following representations, warranties and covenants to the Company:

Section 4.1. Organization and Standing of the Investor. The Investor is a limited liability company duly formed, validly existing and in good standing under the laws of the State of Delaware.

Section 4.2. Authorization and Power. The Investor has the requisite corporate power and authority to enter into and perform its obligations under this Agreement and to purchase or acquire the Shares in accordance with the terms hereof. The execution, delivery and performance by the Investor of this Agreement and the consummation by it of the transactions contemplated hereby and thereby have been duly authorized by all necessary action, and no further consent or authorization of the Investor or its sole member is required. This Agreement has been duly executed and delivered by the Investor and constitutes a valid and binding obligation of the Investor enforceable against it in accordance with its terms, except as such enforceability may be limited by applicable bankruptcy, insolvency, reorganization, moratorium, liquidation, conservatorship, receivership, or similar laws relating to, or affecting generally the enforcement of, creditor's rights and remedies or by other equitable principles of general application (including any limitation of equitable remedies).

Section 4.3. No Conflicts. The execution, delivery and performance by the Investor of this Agreement and the consummation by the Investor of the transactions contemplated hereby and thereby do not and shall not (i) result in a violation of the Investor's applicable organizational instruments, (ii) conflict with, constitute a default (or an event which, with notice or lapse of time or both, would become a default) under, or give rise to any rights of termination, amendment, acceleration or cancellation of, any material agreement, mortgage, deed of trust, indenture, note, bond, license, lease agreement, instrument or obligation to which the Investor is a party or is bound, or (iii) result in a violation of any federal, state, local or foreign statute, rule, or regulation, or any order, judgment or decree of any court or governmental agency applicable to the Investor or by which any of its properties or assets are bound or affected, except, in the case of clauses (ii) and (iii), for such conflicts, defaults, terminations, amendments, acceleration, cancellations and violations as would not, individually or in the aggregate, prohibit or otherwise interfere with, in any material respect, the ability of the Investor to enter into and perform its obligations under this Agreement. The Investor is not required under any applicable federal, state or local law, rule or regulation to obtain any consent, authorization or order of, or make any filing or registration with, any court or governmental agency in order for it to execute, deliver or perform any of its obligations under this Agreement or to purchase or acquire the Shares in accordance with the terms hereof; provided, however, that for purposes of the representation made in this sentence, the Investor is assuming and relying upon the accuracy of the relevant representations and warranties and the compliance with the relevant covenants and agreements of the Company in the Transaction Documents to which it is a party.

Section 4.4. Investment Purpose. The Investor is acquiring the Shares for its own account, for investment purposes and not with a view towards, or for resale in connection with, the public sale or distribution thereof, in violation of the Securities Act or any applicable state securities laws; provided, however, that by making the representations herein, the Investor does not agree, or make any representation or warranty, to hold any of the Shares for any minimum or other specific term and reserves the right to dispose of the Shares at any time in accordance with, or pursuant to, a registration statement filed pursuant to this Agreement or an applicable exemption under the Securities Act. The Investor does not presently have any agreement or understanding, directly or indirectly, with any Person to sell or distribute any of the Shares. The Investor is acquiring the Shares hereunder in the ordinary course of its business.

Section 4.5. Accredited Investor Status. The Investor is an “accredited investor” as that term is defined in Rule 501(a) of Regulation D.

Section 4.6. Reliance on Exemptions. The Investor understands that the Shares are being offered and sold to it in reliance on specific exemptions from the registration requirements of U.S. federal and state securities laws and that the Company is relying in part upon the truth and accuracy of, and the Investor’s compliance with, the representations, warranties, agreements, acknowledgments and understandings of the Investor set forth herein in order to determine the availability of such exemptions and the eligibility of the Investor to acquire the Shares.

Section 4.7. Information. All materials relating to the business, financial condition, management and operations of the Company and its Affiliates, and materials relating to the offer and sale of the Shares which have been requested by the Investor have been furnished or otherwise made available (including through filing with or furnishing to the Commission) to the Investor or its advisors, including, without limitation, the Commission Documents and other documents filed with or furnished to the Commission by Affiliates of the Company. The Investor understands that its investment in the Shares involves a high degree of risk. The Investor is able to bear the economic risk of an investment in the Shares, including a total loss thereof, and has such knowledge and experience in financial and business matters that it is capable of evaluating the merits and risks of a proposed investment in the Shares. The Investor and its advisors have been afforded the opportunity to ask questions of and receive answers from representatives of the Company concerning the financial condition and business of the Company and its Affiliates, and other matters relating to an investment in the Shares. Neither such inquiries nor any other due diligence investigations conducted by the Investor or its advisors, if any, or its representatives shall modify, amend or affect the Investor’s right to rely on the Company’s representations and warranties contained in this Agreement or in any other Transaction Document to which the Company is a party or the Investor’s right to rely on any other document or instrument executed and/or delivered in connection with this Agreement or the consummation of the transaction contemplated hereby. The Investor has sought such accounting, legal and tax advice as it has considered necessary to make an informed investment decision with respect to its acquisition of the Shares. The Investor understands that it (and not the Company) shall be responsible for its own tax liabilities that may arise as a result of this investment or the transactions contemplated by this Agreement.

Section 4.8. No Governmental Review. The Investor understands that no United States federal or state agency or any other government or governmental agency has passed on or made any recommendation or endorsement of the Shares or the fairness or suitability of the investment in the Shares nor have such authorities passed upon or endorsed the merits of the offering of the Shares.

Section 4.9. No General Solicitation. The Investor is not purchasing or acquiring the Shares as a result of any form of general solicitation or general advertising (within the meaning of Regulation D) in connection with the offer or sale of the Shares.

Section 4.10. Not an Affiliate. The Investor is not an officer, director or an Affiliate of the Company. Nothing in this Agreement shall prohibit or be deemed to prohibit the Investor from purchasing, in an open market transaction or otherwise, Common Shares necessary to make delivery by the Investor in satisfaction of a sale by the Investor of Shares that the Investor anticipated receiving from the Company in connection with the settlement of a VWAP Purchase if the Company or its transfer agent shall have failed for any reason (other than a failure of Investor or its Broker-Dealer (as defined below) to set up a DWAC and required instructions) to electronically transfer all of the Shares subject to such VWAP Purchase to the Investor on the applicable VWAP Purchase Share Delivery Date by crediting the Investor's or its designated Broker-Dealer's account at DTC through its DWAC delivery system in compliance with Section 3.2 of this Agreement.

Section 4.11. No Prior Short Sales. At no time prior to the date of this Agreement has the Investor, its sole member, any of their respective officers, or any entity managed or controlled by the Investor or its sole member, engaged in or effected, in any manner whatsoever, directly or indirectly, for its own principal account, any hedging transaction, which established a net short position with respect to the Common Shares that remains in effect as of the date of this Agreement.

Section 4.12. Statutory Underwriter Status. The Investor acknowledges that it will be disclosed as an "underwriter" and a "selling shareholder" in each Registration Statement and in any Prospectus contained therein to the extent required by applicable law and to the extent the Prospectus is related to the resale of Registrable Securities.

Section 4.13. Resales of Shares. The Investor represents, warrants and covenants that it will resell such Shares only pursuant to the Registration Statement in which the resale of such Shares is registered under the Securities Act, in a manner described under the caption "Plan of Distribution" in such Registration Statement, and in a manner in compliance with all applicable U.S. federal and state securities laws, rules and regulations.

ARTICLE V
REPRESENTATIONS, WARRANTIES AND COVENANTS OF THE COMPANY

The Company hereby makes the following representations, warranties and covenants to the Investor:

Section 5.1. Organization, Good Standing and Power. The Company and each of its Subsidiaries are duly organized, validly existing and in good standing (to the extent such concept is available) under the laws of their respective jurisdictions of organization. The Company and each of its Subsidiaries are duly licensed or qualified as a foreign corporation for transaction of business and in good standing under the laws of each other jurisdiction in which their respective ownership or lease of property or the conduct of their respective businesses requires such license or qualification, and have all corporate power and authority necessary to own or hold their respective properties and to conduct their respective businesses as described in the Commission Documents, except where the failure to be so qualified or in good standing or have such power or authority would not, individually or in the aggregate, have a material adverse effect or would reasonably be expected to have a material adverse effect on or affecting the assets, business, operations, earnings, properties, condition (financial or otherwise), prospects, shareholders' equity or results of operations of the Company and its Subsidiaries taken as a whole, or prevent or materially interfere with consummation of the transactions contemplated hereby (a "*Material Adverse Effect*").

Section 5.2. Subsidiaries. The subsidiaries described in the Company's most recent annual report on Form 10-K (collectively, the "Subsidiaries"), are the Company's only significant subsidiaries (as such term is defined in Rule 1-02 of Regulation S-X promulgated by the Commission). Except as set forth in the Commission Documents, the Company owns, directly or indirectly, all of its equity interests in the Subsidiaries free and clear of any lien, charge, security interest, encumbrance or other restriction, and all its equity interests in the Subsidiaries are validly issued and are fully paid, nonassessable.

Section 5.3. Authorization, Enforcement. The Company has the requisite corporate power and authority to enter into and perform its obligations under each of the Transaction Documents to which it is a party and to issue the Shares and the Commitment Fee Warrant in accordance with the terms hereof and thereof. Except for approvals of the Company's Board of Directors or a committee thereof as may be required in connection with any issuance and sale of Shares to the Investor hereunder (which approvals shall be obtained prior to the delivery of any VWAP Purchase Notice), the execution, delivery and performance by the Company of each of the Transaction Documents to which it is a party and the consummation by it of the transactions contemplated hereby and thereby have been duly and validly authorized by all necessary corporate action, and no further consent or authorization of the Company, its Board of Directors or its shareholders is required. Each of the Transaction Documents to which the Company is a party has been duly executed and delivered by the Company and constitutes a valid and binding obligation of the Company enforceable against the Company in accordance with its terms, except as such enforceability may be limited by applicable bankruptcy, insolvency, reorganization, moratorium, liquidation, conservatorship, receivership or similar laws relating to, or affecting generally the enforcement of, creditor's rights and remedies or by other equitable principles of general application (including any limitation of equitable remedies).

Section 5.4. Capitalization. The Company has a capitalization as set forth in the Commission Documents (as applicable) as of the dates thereof. Except as set forth in the Commission Documents and this Agreement, there are no (i) agreements or arrangements under which the Company is obligated to register the sale of any securities under the Securities Act or (ii) Common Shares that are entitled to preemptive rights. Except for customary transfer restrictions contained in agreements entered into by the Company to sell restricted securities, equity award plans or related award agreement terms for restricted stock or as set forth in the Commission Documents, the Company is not a party to, and it has no knowledge of, any agreement restricting the voting or transfer of any shares of the capital stock of the Company. Except as set forth in the Commission Documents, there are no securities or instruments containing anti-dilution or similar provisions that will be triggered by this Agreement or any of the other Transaction Documents or the consummation of the transactions described herein or therein. The Company has filed with the Commission true and correct copies of the Company's memorandum of association as in effect on the Closing Date, and the Company's by-laws as in effect on the Closing Date.

Section 5.5. Issuance of Shares. The Shares, if and when issued and sold against payment therefor in accordance with this Agreement, shall be validly issued and outstanding, fully paid and non-assessable and free from all liens, charges, taxes, security interests, encumbrances, rights of first refusal, preemptive or similar rights and other encumbrances with respect to the issue thereof, and the Investor shall be entitled to all rights accorded to a holder of Common Shares. At or prior to Commencement, the Company shall have duly authorized and reserved [25,000,000] Common Shares (such share amount, the "**Share Cap**") for issuance and sale as Shares to the Investor pursuant to VWAP Purchases that may be effected by the Company, in its sole discretion, from time to time from and after the Commencement Date, pursuant to this Agreement.

Section 5.6. No Conflicts. The execution, delivery and performance by the Company of each of the Transaction Documents to which it is a party and the consummation by the Company of the transactions contemplated hereby and thereby do not and shall not (i) result in a violation of any provision of the Company's certificate of incorporation or by-laws, (ii) conflict with or constitute a material default (or an event which, with notice or lapse of time or both, would become a material default) under, or give rise to any rights of termination, amendment, acceleration or cancellation of, any material agreement, mortgage, deed of trust, indenture, note, bond, license, instrument or obligation to which the Company or any of its Subsidiaries is a party or is bound, (iii) result in a violation of any federal, state, local or other foreign statute, rule, regulation, order, judgment or decree applicable to the Company or any of its Subsidiaries (including federal and state securities laws and regulations and the rules and regulations of the Principal Market or applicable Principal Market), except, in the case of clauses (ii) and (iii), for such conflicts, defaults, terminations, amendments, acceleration, cancellations, liens, charges, encumbrances and violations as would not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect or that have been waived. Except as specifically contemplated by this Agreement and as required under the Securities Act, any applicable state securities laws and applicable rules of the Principal Market, the Company is not required under any federal, state or local rule or regulation to obtain any consent, authorization or order of, or make any filing or registration with, any court or governmental agency in order for it to execute, deliver or perform any of its obligations under the Transaction Documents to which it is a party, or to issue the Shares to the Investor in accordance with the terms hereof and thereof (other than such consents, authorizations, orders, filings or registrations as have been obtained or made prior to the Closing Date); provided, however, that, for purposes of the representation made in this sentence, the Company is assuming and relying upon the accuracy of the representations and warranties of the Investor in this Agreement and the compliance by it with its covenants and agreements contained in this Agreement.

Section 5.7. Commission Documents, Financial Statements; Disclosure Controls and Procedures; Internal Controls Over Financial Reporting; Accountants.

(a) Since January 1, 2024, the Company has timely filed (giving effect to permissible extensions in accordance with Rule 12b-25 under the Exchange Act) all filings required to be filed with or furnished to the Commission by the Company under the Securities Act or the Exchange Act, including those required to be filed with or furnished to the Commission under Section 13(a) or Section 15(d) of the Exchange Act. As of its filing date, each Commission Document filed with or furnished to the Commission prior to the Closing Date complied in all material respects with the requirements of the Securities Act or the Exchange Act, as applicable. Each Registration Statement, on the date it is filed with the Commission, on the date it is declared effective by the Commission and on each VWAP Purchase Date shall comply in all material respects with the requirements of the Securities Act (including, without limitation, Rule 415 under the Securities Act) and shall not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein, in light of the circumstances under which they were made, not misleading, except that this representation and warranty shall not apply to statements in or omissions from such Registration Statement made in reliance upon and in conformity with information relating to the Investor furnished to the Company in writing by or on behalf of the Investor expressly for use therein. The Prospectus and each Prospectus Supplement required to be filed pursuant to this Agreement after the Closing Date, when taken together, on its date and on each VWAP Purchase Date shall comply in all material respects with the requirements of the Securities Act (including, without limitation, Rule 424(b) under the Securities Act) and shall not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein, in light of the circumstances under which they were made, not misleading, except that this representation and warranty shall not apply to statements in or omissions from the Prospectus or any Prospectus Supplement made in reliance upon and in conformity with information relating to the Investor furnished to the Company in writing by or on behalf of the Investor expressly for use therein. Nothing has come to the attention of the Company that has caused the Company to believe that the statistical, demographic and market-related data included in the Registration Statement and Prospectus are not based on or derived from sources that are reliable and accurate in all material respects. The Commission has not issued any stop order or other order suspending the effectiveness of any registration statement filed by the Company under the Securities Act or the Exchange Act.

(b) The consolidated financial statements of the Company included or incorporated by reference in the Commission Documents, together with the related notes and schedules, present fairly, in all material respects, the consolidated financial position of the Company and its then consolidated subsidiaries as of the dates indicated, and the consolidated results of operations, cash flows and changes in shareholders' equity of the Company and its then consolidated subsidiaries for the periods specified and have been prepared in all material respects in compliance with the published requirements of the Securities Act and the Exchange Act, as applicable, and in conformity with generally accepted accounting principles in the United States ("**GAAP**") applied on a consistent basis. The pro forma condensed combined financial statements and the pro forma combined financial statements and any other pro forma financial statements or data included or incorporated by reference in the Commission Documents, if any, comply with the requirements of Regulation S-X of the Securities Act, including, without limitation, Article 11 thereof, and the assumptions used in the preparation of such pro forma financial statements and data are reasonable, the pro forma adjustments used therein are appropriate to give effect to the circumstances referred to therein and the pro forma adjustments have been properly applied to the historical amounts in the compilation of those statements and data. The other financial and statistical data with respect to the Company and the Subsidiaries contained or incorporated by reference in the Commission Documents, if any, are accurately and fairly presented and prepared on a basis consistent with the financial statements and books and records of the Company. There are no financial statements (historical or pro forma) that are required to be included or incorporated by reference in the Commission Documents that are not included or incorporated by reference as required. The Company and the Subsidiaries do not have any material liabilities or obligations, direct or contingent (including any off-balance sheet obligations or any "variable interest entities" as that term is used in Accounting Standards Codification Paragraph 810-10-25-20), not described in Commission Documents which are required to be described in the Commission Documents. All disclosures contained or incorporated by reference in the Commission Documents, if any, regarding "non-GAAP financial measures" (as such term is defined by the rules and regulations of the Commission) comply in all material respects with Regulation G of the Exchange Act and Item 10 of Regulation S-K under the Securities Act, to the extent applicable. The interactive data in eXtensible Business Reporting Language included in the Commission Documents fairly presents the information called for in all material respects and has been prepared in accordance with the Commission's rules and guidelines applicable thereto.

(c) Deloitte & Touche LLP (the "**Accountant**"), whose report on the consolidated financial statements of the Company as of and for the years ended December 31, 2023 and 2024 included in the Company's annual report on Form 10-K and 10-K/A, are and, during the periods covered by their report, were an independent public accounting firm within the meaning of the Securities Act and the Public Company Accounting Oversight Board (United States). To the Company's knowledge, the Accountant is not in violation of the auditor independence requirements of the Sarbanes-Oxley Act of 2002 (the "**Sarbanes-Oxley Act**") with respect to the Company.

(d) There is and has been no failure on the part of the Company or any of the Company's directors or officers, in their capacities as such, to comply in all material respects with any applicable provisions of the Sarbanes-Oxley Act and the rules and regulations promulgated thereunder. Each of the principal executive officer and the principal financial officer of the Company (or each former principal executive officer of the Company and each former principal financial officer of the Company as applicable) has made all certifications required by Sections 302 and 906 of the Sarbanes-Oxley Act with respect to all reports, schedules, forms, statements and other documents required to be filed by it or furnished by it to the Commission. For purposes of the preceding sentence, "principal executive officer" and "principal financial officer" shall have the meanings given to such terms in the Sarbanes-Oxley Act. The Company and the Subsidiaries maintain and keep accurate books and records reflecting their assets and maintain internal accounting controls in a manner designed to provide reasonable assurance regarding the reliability of the Company's financial reporting and the preparation of financial statements by the Company for external purposes in accordance with generally accepted accounting principles and including those policies and procedures that (i) pertain to the maintenance of records that in reasonable detail accurately and fairly reflect the transactions and dispositions of the assets of the Company, (ii) provide reasonable assurance that transactions are recorded as necessary to permit the preparation of the Company's consolidated financial statements in accordance with generally accepted accounting principles, (iii) that receipts and expenditures of the Company are being made only in accordance with management's and the Company's directors' authorization, and (iv) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the Company's assets that could have a material effect on its financial statements. The Company and the Subsidiaries maintain such controls and other procedures, including, without limitation, those required by Sections 302 and 906 of the Sarbanes-Oxley Act, and the applicable regulations thereunder that are designed to ensure that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the Commission's rules and forms, including, without limitation, controls and procedures designed to ensure that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is accumulated and communicated to the Company's management, including its principal executive officer and principal financial officer, or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure and to ensure that material information relating to the Company or the Subsidiaries is made known to them by others within those entities, particularly during the period in which such periodic reports are being prepared.

Section 5.8. No Material Adverse Effect. Subsequent to the respective dates as of which information is given in the Commission Documents (including any document deemed incorporated by reference therein), there has not been any Material Adverse Effect or the occurrence of any development that the Company reasonably expects will result in a Material Adverse Effect.

Section 5.9. No Material Defaults. Neither the Company nor any of its Subsidiaries has defaulted on any installment on indebtedness for borrowed money or on any rental on one or more long-term leases, which defaults, individually or in the aggregate, would have a Material Adverse Effect. The Company has not filed a report pursuant to Section 13(a) or 15(d) of the Exchange Act indicating that it (i) has failed to pay any dividend or sinking fund installment on preferred stock or (ii) has defaulted on any installment on indebtedness for borrowed money or on any rental on one or more long-term leases, which defaults, individually or in the aggregate, would have a Material Adverse Effect.

Section 5.10. No Preferential Rights. Except as set forth in the Commission Documents, (i) no Person, has the right, contractual or otherwise, to cause the Company to issue or sell to such Person any Common Shares or shares of any other capital stock or other securities of the Company, (ii) no Person has any preemptive rights, resale rights, rights of first refusal, rights of co-sale, or any other rights (whether pursuant to a “poison pill” provision or otherwise) to purchase any Common Shares or shares of any other capital stock or other securities of the Company, (iii) no Person has the right to act as an underwriter or as a financial advisor to the Company in connection with the offer and sale of the Common Shares, and (iv) no Person has the right, contractual or otherwise, to require the Company to register under the Securities Act any Common Shares or shares of any other capital stock or other securities of the Company, or to include any such shares or other securities in the Registration Statement or the offering contemplated thereby, whether as a result of the filing or effectiveness of the Registration Statement or the sale of the Shares as contemplated thereby or otherwise.

Section 5.11. Solvency. The Company has not taken any steps, and does not currently expect to take any steps, to seek protection pursuant to Title 11 of the United States Code or any similar federal or state bankruptcy law or law for the relief of debtors, nor does the Company have any knowledge that its creditors intend to initiate involuntary bankruptcy, insolvency, reorganization or liquidation proceedings or other proceedings for relief under Title 11 of the United States Code or any other federal or state bankruptcy law or any law for the relief of debtors. Except as set forth in the Commission Documents, the Company is financially solvent and is generally able to pay its debts as they become due.

Section 5.12. Real Property; Intellectual Property.

(a) Except as set forth in the Commission Documents, the Company and its Subsidiaries have good and marketable title in fee simple to all items of real property owned by them, good and valid title to all personal property described in the Commission Documents as being owned by them, in each case free and clear of all liens, encumbrances and claims, except those matters that (i) do not materially interfere with the use made and proposed to be made of such property by the Company and any of its Subsidiaries or (ii) would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect. Any real or personal property described in the Commission Documents as being leased by the Company and any of its Subsidiaries is held by them under valid, existing and enforceable leases, except those that (A) do not materially interfere with the use made or proposed to be made of such property by the Company or any of its Subsidiaries or (B) would not be reasonably expected, individually or in the aggregate, to have a Material Adverse Effect. Each of the properties of the Company and its Subsidiaries complies with all applicable codes, laws and regulations (including, without limitation, building and zoning codes, laws and regulations and laws relating to access to such properties), except if and to the extent disclosed in the Commission Documents or except for such failures to comply that would not, individually or in the aggregate, reasonably be expected to interfere in any material respect with the use made and proposed to be made of such property by the Company and its Subsidiaries or otherwise have a Material Adverse Effect. None of the Company or its Subsidiaries has received from any Governmental Authorities any notice of any condemnation of, or zoning change affecting, the properties of the Company and its Subsidiaries, and the Company knows of no such condemnation or zoning change which is threatened, except for such that would not reasonably be expected to interfere in any material respect with the use made and proposed to be made of such property by the Company and its Subsidiaries or otherwise have a Material Adverse Effect, individually or in the aggregate.

(b) Except as disclosed in the Commission Documents, the Company and its Subsidiaries own, possess, license or have other rights to use, or can acquire the right to use on reasonable terms, all foreign and domestic patents, patent applications, trade and service marks, trade and service mark registrations, trade names, copyrights, licenses, inventions, trade secrets, technology, Internet domain names, know-how and other intellectual property (collectively, the “**Intellectual Property**”), necessary for the conduct of their respective businesses as now conducted except to the extent that the failure to own, possess, license or otherwise hold or acquire adequate rights to use such Intellectual Property would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect. Except as disclosed in the Commission Documents and except as would not be reasonably expected individually or in the aggregate, to have a Material Adverse Effect: (i) to the Company’s knowledge, there is no infringement by third parties of any Intellectual Property owned by the Company or its Subsidiaries; (ii) there is no pending or, to the Company’s knowledge, threatened action, suit, proceeding or claim by others challenging the Company’s and its Subsidiaries’ rights in or to any Intellectual Property owned by the Company or its Subsidiaries, and the Company is unaware of any facts which could form a reasonable basis for any such action, suit, proceeding or claim; (iii) there is no pending or, to the Company’s knowledge, threatened action, suit, proceeding or claim by others challenging the validity or scope of any such Intellectual Property owned by the Company or its Subsidiaries; (iv) there is no pending or, to the Company’s knowledge, threatened action, suit, proceeding or claim by others that the Company and its Subsidiaries infringe or otherwise violate any Intellectual Property rights of others; and (v) the Company and its Subsidiaries have taken reasonable efforts in accordance with standard industry practice to maintain the confidentiality of all trade secrets and other confidential information of the Company and its Subsidiaries.

Section 5.13. Actions Pending. Except as set forth in the Commission Documents, there are no actions, suits or proceedings by or before any Governmental Authority pending, nor, to the Company’s knowledge, any audits or investigations by or before any Governmental Authority to which the Company or a Subsidiary is a party or to which any property of the Company or any of its Subsidiaries is the subject that, as would be reasonably expected, individually or in the aggregate, would have a Material Adverse Effect and, to the Company’s knowledge, no such actions, suits, proceedings, audits or investigations are threatened or contemplated by any Governmental Authority or threatened by others; and except as would not be reasonably expected, individually or in the aggregate, to have a Material Adverse Effect, there are no current or pending audits or investigations, actions, suits or proceedings by or before any Governmental Authority that are required under the Securities Act to be described in the Commission Documents that are not so described.

Section 5.14. Compliance with Law. Each of the Company and its Subsidiaries: (A) is and at all times has been in compliance with all statutes, rules, or regulations applicable to the ownership, testing, development, manufacture, packaging, processing, use, distribution, marketing, labeling, promotion, sale, offer for sale, storage, import, export or disposal of any product manufactured or distributed by the Company or its Subsidiaries (“**Applicable Laws**”); (B) has not received any FDA Form 483, notice of adverse finding, warning letter, untitled letter or other correspondence or notice from the FDA or any other Governmental Authority (including, without limitation, the EMA) alleging or asserting noncompliance with any Applicable Laws or any licenses, certificates, approvals, clearances, authorizations, permits and supplements or amendments thereto required by any such Applicable Laws (“**Authorizations**”); (C) possesses all material Authorizations and such Authorizations are valid and in full force and effect and are not in material violation of any term of any such Authorizations; (D) has not received notice of any claim, action, suit, proceeding, hearing, enforcement, investigation, arbitration or other action from any Governmental Authority or third party alleging that any product operation or activity is in violation of any Applicable Laws or Authorizations and has no knowledge that any such Governmental Authority or third party is considering any such claim, litigation, arbitration, action, suit, investigation or proceeding; (E) has not received notice that any Governmental Authority has taken, is taking or intends to take action to limit, suspend, modify or revoke any Authorizations and has no knowledge that any such Governmental Authority is considering such action; (F) has filed, obtained, maintained or submitted all material reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments as required by any Applicable Laws or Authorizations and that all such reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments were complete and correct on the date filed (or were corrected or supplemented by a subsequent submission); and (G) has not, either voluntarily or involuntarily, initiated, conducted, or issued or caused to be initiated, conducted or issued, any recall, market withdrawal or replacement, safety alert, post sale warning, “dear healthcare provider” letter, or other notice or action relating to the alleged lack of safety or efficacy of any product or any alleged product defect or violation and, to the Company’s knowledge, no third party has initiated, conducted or intends to initiate any such notice or action, except in the case of each of (A) through (G) above, as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect.

Section 5.15. Certain Fees. Neither the Company nor any of its Subsidiaries has incurred any liability for any finder’s fees, brokerage commissions or similar payments in connection with the transactions herein contemplated.

Section 5.16. Disclosure. The Company confirms that neither it nor any other Person acting on its behalf has provided the Investor or any of its agents, advisors or counsel with any information that constitutes or would reasonably be expected to constitute material, nonpublic information concerning the Company or any of its Subsidiaries, other than the existence of the transactions contemplated by the Transaction Documents. The Company understands and confirms that the Investor will rely on the foregoing representations in effecting resales of Shares under the Registration Statement.

Section 5.17. Broker/Dealer Relationships. Neither the Company nor any of the Subsidiaries (i) is required to register as a “broker” or “dealer” in accordance with the provisions of the Exchange Act or (ii) directly or indirectly through one or more intermediaries, controls or is a “person associated with a member” or “associated person of a member” (within the meaning set forth in the FINRA Manual).

Section 5.18. Disclosure Controls. The Company maintains a system of “disclosure controls and procedures” (as defined in Rule 13a-15(e) of the Exchange Act) that complies with the requirements of the Exchange Act and that has been designed to ensure that information required to be disclosed by the Company in reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Commission’s rules and forms, including controls and procedures designed to ensure that such information is accumulated and communicated to the Company’s management as appropriate to allow timely decisions regarding required disclosure. The Company has carried out any evaluations of the effectiveness of its disclosure controls and procedures as required by Rule 13a-15 of the Exchange Act.

Section 5.19. Permits. Except as disclosed in the Commission Documents, the Company and its Subsidiaries have made all filings, applications and submissions required by, possesses and is operating in compliance with, all approvals, licenses, certificates, certifications, clearances, consents, grants, exemptions, marks, notifications, orders, permits and other authorizations issued by, the appropriate federal, state or foreign Governmental Authority (including, without limitation, the United States Food and Drug Administration (the “**FDA**”), the United States Drug Enforcement Administration, the European Medical Agency (“**EMA**”), or any other foreign, federal, state, provincial, court or local government or regulatory authorities including self-regulatory organizations engaged in the regulation of clinical trials, pharmaceuticals, biologics or biohazardous substances or materials) necessary for the ownership or lease of their respective properties or to conduct its businesses as described in the Commission Documents (collectively, “**Permits**”), except for such Permits the failure of which to possess, obtain or make the same would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect; the Company and its Subsidiaries are in compliance with the terms and conditions of all such Permits, except where the failure to be in compliance would not have a Material Adverse Effect; all of the Permits are valid and in full force and effect, except where any invalidity, individually or in the aggregate, would not be reasonably expected to have a Material Adverse Effect; and neither the Company nor any of its Subsidiaries has received any written notice relating to the limitation, revocation, cancellation, suspension, modification or non-renewal of any such Permit which, individually or in the aggregate, if the subject of an unfavorable decision, ruling or finding, would have a Material Adverse Effect, or has any reason to believe that any such license, certificate, permit or authorization will not be renewed in the ordinary course. To the extent required by applicable laws and regulations of the FDA or EMA, the Company or its applicable Subsidiary has submitted to the FDA and/or the EMA an Investigational New Drug Application or amendment or supplement thereto for each clinical trial it has conducted or sponsored or is conducting or sponsoring; all such submissions were in material compliance with applicable laws and rules and regulations when submitted and no material deficiencies have been asserted by the FDA or EMA with respect to any such submissions, which, in each case, have not yet been remedied.

Section 5.20. Environmental Compliance. Except as set forth in the Commission Documents, the Company and its Subsidiaries (i) are in compliance with any and all applicable federal, state, local and foreign laws, rules, regulations, decisions and orders relating to the protection of human health and safety to the extent relating to hazardous or toxic substances or wastes, pollutants or contaminants (“**Hazardous Materials**”), the environment or the presence, release, generation, use, management, handling, transportation, treatment, storage, or disposal of Hazardous Materials (collectively, “**Environmental Laws**”); (ii) have received and are in compliance with all permits, licenses or other approvals required of them under applicable Environmental Laws to conduct their respective businesses; and (iii) have not received notice of any actual or potential liability for the investigation or remediation of any disposal or release of Hazardous Materials, except, in the case of any of clauses (i), (ii) or (iii) above, for any such failure to comply, failure to receive required permits, licenses, other approvals or liability as would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

Section 5.21. No Improper Practices. (i) Neither the Company nor the Subsidiaries, nor any director, officer, or employee of the Company or any Subsidiary nor, to the Company’s knowledge, any agent, affiliate or other person acting on behalf of the Company or any Subsidiary has, in the past five years, made any unlawful contributions to any candidate for any political office (or failed fully to disclose any contribution in violation of applicable law) or made any contribution or other payment to any official of, or candidate for, any federal, state, municipal, or foreign office or other person charged with similar public or quasi-public duty in violation of any applicable law or of the character required to be disclosed in the Commission Documents; (ii) except as described in the Commission Documents, there are no material outstanding loans or advances or material guarantees of indebtedness by the Company or any Subsidiary to or for the benefit of any of their respective officers or directors or any of the members of the families of any of them; and (iii) neither the Company nor any Subsidiary nor any director, officer or employee of the Company or any Subsidiary nor, to the Company’s knowledge, any agent, affiliate or other person acting on behalf of the Company or any Subsidiary has (A) violated or is in violation of any applicable provision of the U.S. Foreign Corrupt Practices Act of 1977, as amended, or any other applicable anti-bribery or anti-corruption law (collectively, “**Anti-Corruption Laws**”), (B) promised, offered, provided, attempted to provide or authorized the provision of anything of value, directly or indirectly, to any person for the purpose of obtaining or retaining business, influencing any act or decision of the recipient, or securing any improper advantage; or (C) made any payment of funds of the Company or any Subsidiary or received or retained any funds in violation of any Anti-Corruption Laws.

Section 5.22. Operations. The operations of the Company and its Subsidiaries are and have been conducted for the past five years in compliance with applicable financial record keeping and reporting requirements of the Currency and Foreign Transactions Reporting Act of 1970, as amended, the money laundering statutes of all jurisdictions to which the Company or its Subsidiaries are subject, the rules and regulations thereunder and any related or similar rules, regulations or guidelines, issued, administered or enforced by any Governmental Authority (collectively, the “**Money Laundering Laws**”); and no action, suit or proceeding by or before any Governmental Authority involving the Company or any of its Subsidiaries with respect to the Money Laundering Laws is pending or, to the knowledge of the Company, threatened.

Section 5.23. Transactions with Affiliates. No relationship, direct or indirect, exists between or among the Company or any of its Subsidiaries on the one hand, and the directors, officers, trustees, managers, stockholders, partners, customers or suppliers of the Company or any of the Subsidiaries on the other hand, which would be required by the Securities Act or the Exchange Act to be disclosed in the Commission Documents, which is not so disclosed.

Section 5.24. Labor Disputes. The Company is not bound by or subject to any collective bargaining or similar agreement with any labor union, and, to the knowledge of the Company, none of the employees, representatives or agents of the Company is represented by any labor union. The Company and its Subsidiaries have complied with all employment laws applicable to employees of the Company and its Subsidiaries, except where non-compliance with any such employment laws would not have a Material Adverse Effect. No labor disturbance by or dispute with employees of the Company or any of its Subsidiaries exists or, to the knowledge of the Company, is threatened which would result in a Material Adverse Effect.

Section 5.25. Use of Proceeds. The proceeds from the sale of the Shares by the Company to Investor shall be used by the Company in the manner as will be set forth in the Prospectus included in any Registration Statement (and any post-effective amendment thereto) and any Prospectus Supplement thereto filed pursuant to this Agreement.

Section 5.26. Investment Company Act Status. The Company is not, and as a result of the consummation of the transactions contemplated by the Transaction Documents and the application of the proceeds from the sale of the Shares as will be set forth in the Prospectus included in any Registration Statement (and any post-effective amendment thereto) and any Prospectus Supplement thereto filed pursuant to this Agreement the Company will not be an “investment company” within the meaning of the Investment Company Act of 1940, as amended.

Section 5.27. Taxes. The Company and each of its Subsidiaries have filed all federal, state, local and foreign tax returns which have been required to be filed and paid all taxes shown thereon through the date hereof, to the extent that such taxes have become due and are not being contested in good faith, except where the failure to so file or pay would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect. Except as otherwise disclosed in or contemplated by the Commission Documents, no tax deficiency has been determined adversely to the Company or any of its Subsidiaries which has had, or would have, individually or in the aggregate, a Material Adverse Effect. The Company has no knowledge of any federal, state or other governmental tax deficiency, penalty or assessment which has been or might be asserted or threatened against it which would have a Material Adverse Effect.

Section 5.28. Employee Benefits. To the knowledge of the Company, each material employee benefit plan that is maintained, administered or contributed to by the Company or any of its Subsidiaries for employees or former employees of the Company and any of its Subsidiaries has been maintained in material compliance with its terms and the requirements of any applicable statutes, orders, rules and regulations, no prohibited transaction has occurred which would result in a Material Adverse Effect with respect to any such plan excluding transactions effected pursuant to a statutory or administrative exemption; and for each such, except as would not reasonably be expected to have a Material Adverse Effect, the minimum funding standards applicable thereto have been satisfied and the fair market value of the assets of each such plan (excluding for these purposes accrued but unpaid contributions) exceeds the present value of all benefits accrued under such plan determined using reasonable actuarial assumptions.

Section 5.29. Stock Transfer Taxes. All stock transfer taxes which are required to be paid in connection with the sale and transfer of the Shares to be sold hereunder will be, or will have been, fully paid or provided for by the Company and all laws imposing such taxes will be or will have been fully complied with provided the sale and transfer is effected within the facilities of DTC.

Section 5.30. Insurance. The Company and each of its Subsidiaries carry, or are covered by, insurance in such amounts and covering such risks as the Company and each of its Subsidiaries reasonably believe are adequate for the conduct of their properties and as is customary for companies engaged in similar businesses in similar industries.

Section 5.31. Exemption from Registration. Subject to, and in reliance on, the representations, warranties and covenants made herein by the Investor, the offer and sale of the Shares in accordance with the terms and conditions of this Agreement is exempt from the registration requirements of the Securities Act pursuant to Section 4(a)(2) and/or Rule 506(b) of Regulation D; provided, however, that at the request of and with the express agreements of the Investor (including, without limitation, the representations, warranties and covenants of the Investor set forth in Section 4.9 through 4.13), the Shares to be issued from and after Commencement to or for the benefit of the Investor pursuant to this Agreement shall be issued to the Investor or its designee only as DWAC Shares and will not bear legends noting restrictions as to resale of such securities under federal or state securities laws, nor will any such securities be subject to stop transfer instructions.

Section 5.32. No General Solicitation or Advertising. Neither the Company, nor any of its Subsidiaries or Affiliates, nor any Person acting on its or their behalf, has engaged in any form of general solicitation or general advertising (within the meaning of Regulation D) in connection with the offer or sale of the Shares.

Section 5.33. No Integrated Offering. None of the Company, its Subsidiaries or any of their Affiliates, nor any Person acting on their behalf has, directly or indirectly, made any offers or sales of any security or solicited any offers to buy any security, under circumstances that would require registration of the issuance of any of the Shares under the Securities Act, whether through integration with prior offerings or otherwise, or cause this offering of the Shares to require approval of shareholders of the Company under any applicable shareholder approval provisions, including, without limitation, under the rules and regulations of the Principal Market. None of the Company, its Subsidiaries, their Affiliates nor any Person acting on their behalf will take any action or steps referred to in the preceding sentence that would require registration of the issuance of any of the Shares under the Securities Act or cause the offering of any of the Shares to be integrated with other offerings.

Section 5.34. Manipulation of Price. Neither the Company nor any of its officers, directors or, to the knowledge of the Company, its Affiliates has, and, to the knowledge of the Company, no Person acting on their behalf has, (i) taken, directly or indirectly, any action designed or intended to cause or to result in the stabilization or manipulation of the price of any security of the Company, or which caused or resulted in, or which would in the future reasonably be expected to cause or result in, the stabilization or manipulation of the price of any security of the Company, in each case to facilitate the sale or resale of any of the Shares, (ii) sold, bid for, purchased, or paid any compensation for soliciting purchases of, any of the Shares, or (iii) paid or agreed to pay to any Person any compensation for soliciting another to purchase any other securities of the Company. Neither the Company nor any of its officers, directors or, to the knowledge of the Company, its Affiliates will during the term of this Agreement, and, to the knowledge of the Company, no Person acting on their behalf will during the term of this Agreement, take any of the actions referred to in the immediately preceding sentence.

Section 5.35. Listing and Maintenance Requirements; DTC Eligibility. The Common Shares are registered pursuant to Section 12(b) of the Exchange Act, and the Company has taken no action designed to, or which to its knowledge is likely to have the effect of, terminating the registration of the Common Shares under the Exchange Act, nor has the Company received any notification that the Commission is contemplating terminating such registration. Except as described in the Commission Documents, the Company has not received notice from the Principal Market to the effect that the Company is not in compliance with the listing or maintenance requirements of the Principal Market. The Shares are, or will be after the Commencement Date, eligible for participation in the DTC book entry system and deposit at DTC such that they may be transferred electronically to third parties via DTC through its Deposit/Withdrawal at Custodian (“**DWAC**”) delivery system. The Company has not received notice from DTC to the effect that a suspension of, or restriction on, accepting additional deposits of the Shares, electronic trading or book-entry services by DTC with respect to the Shares is being imposed or is contemplated.

Section 5.36. OFAC. Neither the Company nor any of its Subsidiaries (collectively, the “**Entity**”), nor any director, officer of the Company nor, to the knowledge of the Company, any employee, agent, affiliate or representative of the Company or any director or officer of any Subsidiary, is a Person that is, or is owned or controlled by a Person that is (i) the subject of any sanctions administered or enforced by the (“**OFAC**”), the United Nations Security Council, the European Union, His Majesty’s Treasury, or other relevant sanctions authorities, including, without limitation, designation on OFAC’s Specially Designated Nationals and Blocked Persons List or OFAC’s Foreign Sanctions Evaders List or other relevant sanctions authority (collectively, “**Sanctions**”), nor (ii) located, organized or resident in a country or territory that is the subject of Sanctions that broadly prohibit dealings with that country or territory (including, without limitation, the Crimea region of the Ukraine, Cuba, Iran, North Korea, Sudan and Syria (the “**Sanctioned Countries**”). The Entity will not, directly or indirectly, use the proceeds from the sale of Shares, or lend, contribute or otherwise make available such proceeds to any subsidiary, joint venture partner or other Person (a) to fund or facilitate any activities or business of or with any Person or in any country or territory that, at the time of such funding or facilitation, is the subject of Sanctions or is a Sanctioned Country, or (b) in any other manner that will result in a violation of Sanctions by any Person (including any Person participating in the transactions contemplated by this agreement, whether as underwriter, advisor, investor or otherwise). For the past five years, the Entity has not engaged in, and is now not engaged in, any dealings or transactions with any Person, or in any country or territory, that at the time of the dealing or transaction is or was the subject of Sanctions or was a Sanctioned Country.

Section 5.37. Information Technology; Compliance with Data Privacy Laws.

(a) Except as described in the Commission Documents, and except as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect: (i) the Company and its Subsidiaries' information technology assets and equipment, computers, systems, networks, hardware, software, websites, applications, and databases (collectively, "**IT Systems**") are adequate for, and operate and perform as required in connection with the operation of the business of the Company as currently conducted, and, to the Company's knowledge, are free and clear of all bugs, errors, Trojan horses, time bomb, and malware (ii) the Company and its Subsidiaries have implemented and maintained commercially reasonable physical, technical and administrative controls, policies, procedures, and safeguards designed to maintain and protect their confidential information and the integrity, continuous operation, redundancy and security of their IT Systems and data, including all "Personal Data" (defined below) and all sensitive, confidential or regulated data ("**Confidential Data**") used in connection with their businesses. "**Personal Data**" means (A) a natural person's name, street address, telephone number, e-mail address, photograph, social security number or tax identification number, driver's license number, passport number, credit card number, bank information, or customer or account number; (B) any information which would qualify as "personally identifying information" under the Federal Trade Commission Act, as amended; (C) "personal data" as defined by the European Union General Data Protection Regulation ("**GDPR**") (EU 2016/679); (D) any "personal information" as defined by the California Consumer Privacy Act ("**CCPA**"); and (E) any other piece of information that allows the identification of such natural person, or his or her family, or permits the collection or analysis of any data related to an identified person's health or sexual orientation. Except as described in the Commission Documents, and except as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect: (x) to the knowledge of the Company, there have been no breaches, violations, outages or unauthorized uses of or accesses to their IT Systems or Personal Data maintained or processed by the Company, except for those that have been remedied without material cost or liability or the duty to notify any other person, nor any incidents under internal review or investigations relating to the same and (y) the Company and its Subsidiaries are presently in compliance with all applicable laws or statutes and all judgments, orders, rules and regulations of any court or arbitrator or governmental or regulatory authority, external policies and contractual obligations relating to the privacy and security of their IT Systems, Confidential Data, and Personal Data (collectively, "**Privacy Laws**") and to the protection of such IT Systems, Confidential Data, and Personal Data from unauthorized use, access, misappropriation or modification.

(b) Except as described in the Commission Documents, and except as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect: (i) to the extent required by applicable Privacy Laws, the Company has in place commercially reasonable policies and procedures relating to data privacy and security and the collection, storage, use, processing, disclosure, handling, and analysis of Personal Data and Confidential Data (the "**Policies**"); (ii) the Company has made disclosures to users or customers to the extent required by applicable Privacy Laws, and none of such disclosures made or contained in any Policy have been inaccurate or in violation of any applicable Privacy Laws; (iii) neither the Company nor any Subsidiary has received written notice of any actual or potential liability under or relating to, or actual or potential violation of, any applicable Privacy Laws, and there is no action, suit or proceeding by or before any court or governmental agency, authority or body pending or, to the Company's knowledge, threatened alleging non-compliance with any applicable Privacy Laws.

Section 5.38. Acknowledgement Regarding Investor's Acquisition of Shares. The Company acknowledges that while the Investor will be deemed to be a statutory "underwriter" with respect to the Transaction in accordance with interpretive positions of the Commission, the Investor is a "trader" that is not required to register with the SEC as a broker-dealer under Section 15(a) of the Securities Exchange Act of 1934. The Company further acknowledges that the Investor and its representatives are not acting as a financial advisor or fiduciary of the Company (or in any similar capacity, except as noted above) with respect to this Agreement and the transactions contemplated by the Transaction Documents, and any advice given by the Investor or its representatives or agents in connection therewith is merely incidental to the Investor's acquisition of the Shares. The Company further represents to the Investor that the Company's decision to enter into the Transaction Documents to which it is a party has been based solely on the independent evaluation of the transactions contemplated thereby by the Company and its representatives. The Company acknowledges and agrees that the Investor has not made and does not make any representations or warranties with respect to the transactions contemplated by the Transaction Documents other than those specifically set forth in Article IV.

Section 5.39. Regulatory Filings. Except as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect and except as disclosed in the Commission Documents, neither the Company nor any of its Subsidiaries has failed to file with the applicable Governmental Authorities any required filing, declaration, listing, registration, report or submission, except for such failures that, as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect; except as disclosed in the Commission Documents, all such filings, declarations, listings, registrations, reports or submissions were in compliance with applicable laws when filed and no deficiencies have been asserted by any applicable regulatory authority with respect to any such filings, declarations, listings, registrations, reports or submissions that have not yet been remedied, except for any deficiencies that, as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect.

Section 5.40. Emerging Growth Company Status. From the time of the initial filing of the Company's first registration statement with the Commission through the date hereof, the Company has been and is an "emerging growth company," as defined in Section 2(a) of the Securities Act (an "*Emerging Growth Company*").

ARTICLE VI ADDITIONAL COVENANTS

The Company covenants with the Investor, and the Investor covenants with the Company, as follows, which covenants of one party are for the benefit of the other party, during the Investment Period (and with respect to the Company, for the period following the termination of this Agreement specified in Section 8.3 pursuant to and in accordance with Section 8.3):

Section 6.1. Securities Compliance. The Company shall notify the Commission and the Principal Market, if and as applicable, in accordance with their respective rules and regulations, of the transactions contemplated by the Transaction Documents, and shall take all necessary action, undertake all proceedings and obtain all registrations, permits, consents and approvals for the legal and valid issuance of the Shares to the Investor in accordance with the terms of the Transaction Documents, as applicable.

Section 6.2. Reservation of Common Shares. The Company has available and the Company shall reserve and keep available at all times, free of preemptive and other similar rights of shareholders, the requisite aggregate number of authorized but unissued Common Shares to enable the Company to timely effect the issuance, sale and delivery of all Shares to be issued, sold and delivered in respect of each VWAP Purchase effected under this Agreement, at least prior to the delivery by the Company to the Investor of the applicable VWAP Purchase Notice in connection with such VWAP Purchase. Without limiting the generality of the foregoing, as of the Commencement Date the Company shall have reserved, out of its authorized and unissued Common Shares, a number of Common Shares equal to the Share Cap solely for the purpose of effecting VWAP Purchases under this Agreement. The number of Common Shares so reserved for the purpose of effecting VWAP Purchases under this Agreement may be increased from time to time by the Company from and after the Commencement Date, and such number of reserved shares may be reduced from and after the Commencement Date only by the number of Shares actually issued, sold and delivered to the Investor pursuant to any VWAP Purchase effected from and after the Commencement Date pursuant to this Agreement.

Section 6.3. Registration and Listing.

(i) The Company shall prepare and, as soon as practicable, and in any case no more than 30 Trading Days, after the date of this Agreement, file with the Commission an initial Registration Statement on Form S-3 (if then eligible) or Form S-1 (or any successor form) so as to permit the resale of the Registrable Securities held by the Investor under Rule 415 under the Securities Act at then prevailing market prices (and not fixed prices) (the “**Initial Registration Statement**”). The Company shall use its commercially reasonable efforts to have the Initial Registration Statement declared effective by the Commission as soon as reasonably practicable following the filing thereof with the Commission.

(ii) The Investor shall have the right to select one legal counsel to review and oversee, solely on its behalf, any registration pursuant to this Section 6.3 (“**Legal Counsel**”), which shall be Haynes and Boone, LLP, or such other counsel as thereafter designated by the Investor. The Company shall reimburse the Investor for any of the legal fees and expenses of the Legal Counsel incurred in connection with the transactions contemplated by this Section 6.3, in the amount not to exceed \$25,000 in the aggregate.

(iii) If at any time all Registrable Securities are not covered by the Initial Registration Statement filed pursuant to this Section 6.3 or otherwise, the Company shall use its commercially reasonable efforts to file with the Commission one or more additional Registration Statements so as to cover all of the Registrable Securities not covered by such initial Registration Statement, in each case, as soon as practicable (taking into account any position of the staff of the Commission (“**Staff**”) with respect to the date on which the Staff will permit such additional Registration Statement(s) to be filed with the Commission and the rules and regulations of the Commission) (each such additional Registration Statement, a “**New Registration Statement**”). The Company shall use its commercially reasonable efforts to cause each such New Registration Statement to become effective as soon as reasonably practicable following the filing thereof with the Commission.

(iv) In no event shall the Company include any securities other than Registrable Securities on any Registration Statement pursuant to this Section 6.3 without the express written consent of the Investor prior to filing such Registration Statement with the Commission.

(v) If the Staff or the Commission seeks to characterize any offering pursuant to a Registration Statement filed pursuant to this Agreement as constituting an offering of securities that does not permit such Registration Statement to become effective and be used for resales by the Investor on a delayed or continuous basis under Rule 415 at then-prevailing market prices (and not fixed prices), or if after the filing of any Registration Statement pursuant to this Section 6.3, the Company is otherwise required by the Staff or the Commission to reduce the number of Registrable Securities included in such Registration Statement, then the Company shall reduce the number of Registrable Securities to be included in such Registration Statement (after consultation with the Investor and Legal Counsel as to the specific Registrable Securities to be removed therefrom) until such time as the Staff and the Commission shall so permit such Registration Statement to become effective and be used as aforesaid. Notwithstanding anything in this Agreement to the contrary, if after giving effect to the actions referred to in the immediately preceding sentence, the Staff or the Commission does not permit such Registration Statement to become effective and be used for resales by the Investor on a delayed or continuous basis under Rule 415 at then-prevailing market prices (and not fixed prices), the Company shall not request acceleration of the Effective Date of such Registration Statement, the Company shall promptly (but in no event later than 48 hours) request the withdrawal of such Registration Statement pursuant to Rule 477 under the Securities Act. In the event of any reduction in Registrable Securities pursuant to this paragraph, the Company shall use its commercially reasonable efforts to file one or more New Registration Statements with the Commission in accordance with this Section 6.3 until such time as all Registrable Securities have been included in Registration Statements that have been declared effective and the Prospectuses contained therein are available for use by the Investor.

(vi) The Company shall use its commercially reasonable efforts to effect the registration of the Registrable Securities in accordance with the terms of this Agreement and the intended method of disposition thereof, pursuant thereto, during the term of this Agreement, the Company shall have the following obligations:

(a) Subject to Allowable Grace Periods (as defined below), the Company shall keep each Registration Statement effective (and the Prospectus contained therein available for use) pursuant to Rule 415 for resales by the Investor on a continuous basis at then-prevailing market prices (and not fixed prices) at all times until the earlier of (i) the date on which the Investor shall have sold all of the Registrable Securities covered by such Registration Statement and (ii) the date of termination of the Purchase Agreement if as of such termination date the Investor holds no Registrable Securities (or, if applicable, the date on which such securities cease to be Registrable Securities after the date of termination of the Purchase Agreement) (the “**Registration Period**”). Notwithstanding anything to the contrary contained in this Agreement, the Company shall ensure that, when filed and at all times while effective, each Registration Statement (including, without limitation, all amendments and supplements thereto) and the Prospectus (including, without limitation, all amendments and supplements thereto) used in connection with such Registration Statement shall not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein, or necessary to make the statements therein (in the case of Prospectuses, in the light of the circumstances in which they were made) not misleading. The Company shall submit to the Commission, as soon as reasonably practicable after the date that the Company learns that no review of a particular Registration Statement will be made by the Staff or that the Staff has no further comments on a particular Registration Statement (as the case may be), a request for acceleration of effectiveness of such Registration Statement to a time and date as soon as reasonably practicable, and in any case no later than two Trading Days, after the Company learns of such fact in accordance with Rule 461 under the Securities Act.

(b) The Company shall use its commercially reasonable efforts to prepare and file with the Commission such amendments (including, without limitation, post-effective amendments) and supplements to each Registration Statement and the Prospectus used in connection with each such Registration Statement, which Prospectus is to be filed pursuant to Rule 424 promulgated under the Securities Act, as may be necessary to keep each such Registration Statement effective (and the Prospectus contained therein current and available for use) at all times during the Registration Period for such Registration Statement, and, during such period, comply with the provisions of the Securities Act with respect to the disposition of all Registrable Securities of the Company required to be covered by such Registration Statement until such time as all of such Registrable Securities shall have been disposed of in accordance with the intended methods of disposition by the Investor. Without limiting the generality of the foregoing, the Company covenants and agrees that (i) at or before 5:30 p.m. (New York City time) on the second (2nd) Trading Day immediately following the Effective Date of the Initial Registration Statement and any New Registration Statement (or any post-effective amendment thereto), the Company shall file with the Commission in accordance with Rule 424(b) under the Securities Act the final Prospectus to be used in connection with sales pursuant to such Registration Statement (or post-effective amendment thereto), and (ii) if the transactions contemplated by any VWAP Purchase are material to the Company (individually or collectively with all other prior VWAP Purchases, the consummation of which have not previously been reported in any Prospectus Supplement filed with the Commission under Rule 424(b) under the Securities Act or in any report, statement or other document filed by the Company with the Commission under the Exchange Act), or if otherwise required under the Securities Act (or the interpretations of the Commission thereof), in each case as reasonably determined by the Company and the Investor, then, at or before 8:30 a.m., New York City time, on the first (1st) Trading Day immediately following the VWAP Purchase Date, if a VWAP Purchase Notice was properly delivered to the Investor hereunder in connection with such VWAP Purchase, the Company shall file with the Commission a Prospectus Supplement pursuant to Rule 424(b) under the Securities Act with respect to the VWAP Purchase(s), the total VWAP Purchase Price for the Shares subject to such VWAP Purchase(s) (as applicable), the applicable VWAP Purchase Price(s) for such Shares and the net proceeds that are to be (and, if applicable, have been) received by the Company from the sale of such Shares. To the extent not previously disclosed in the Prospectus or a Prospectus Supplement, the Company shall disclose in its quarterly reports on Form 10-Q and in its annual reports on Form 10-K the information described in the immediately preceding sentence relating to all VWAP Purchase(s) consummated during the relevant fiscal quarter and shall file such quarterly reports and annual reports with the Commission within the applicable time period prescribed for such report under the Exchange Act. In the case of amendments and supplements to any Registration Statement on Form S-1 or Prospectus related thereto which are required to be filed pursuant to this Agreement by reason of the Company filing a report on Form 8-K, Form 10-Q or Form 10-K or any analogous report under the Exchange Act, the Company shall have incorporated such report by reference into such Registration Statement and Prospectus, if applicable, or shall file such amendments or supplements to the Registration Statement or Prospectus with the Commission on the same day on which the Exchange Act report is filed which created the requirement for the Company to amend or supplement such Registration Statement or Prospectus, for the purpose of including or incorporating such report into such Registration Statement and Prospectus. The Company consents to the use of the Prospectus (including, without limitation, any supplement thereto) included in each Registration Statement in accordance with the provisions of the Securities Act and with the securities or "Blue Sky" laws of the jurisdictions in which the Registrable Securities may be sold by the Investor, in connection with the resale of the Registrable Securities and for such period of time thereafter as such Prospectus (including, without limitation, any supplement thereto) (or in lieu thereof, the notice referred to in Rule 173(a) under the Securities Act) is required by the Securities Act to be delivered in connection with resales of Registrable Securities.

(c) The Company shall (A) permit Legal Counsel an opportunity to review and comment upon (i) each Registration Statement at least three (3) Trading Days prior to its filing with the Commission (it being understood that such notice period has been satisfied in respect of the initial Registration Statement) and (ii) all amendments and supplements to each Registration Statement (including, without limitation, the Prospectus contained therein) (except for annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, and any similar or successor reports or Prospectus Supplements the contents of which is limited to that set forth in such reports) within a reasonable number of days prior to their filing with the Commission, and (B) shall reasonably consider any comments of the Investor and Legal Counsel on any such Registration Statement or amendment or supplement thereto or to any Prospectus contained therein. The Company shall promptly furnish to Legal Counsel, without charge, (i) electronic copies of any correspondence from the Commission or the Staff to the Company or its representatives relating to each Registration Statement (which correspondence shall be redacted to exclude any material, non-public information regarding the Company or any of its Subsidiaries), (ii) after the same is prepared and filed with the Commission, one (1) electronic copy of each Registration Statement and any amendment(s) and supplement(s) thereto, including, without limitation, financial statements and schedules, all documents incorporated therein by reference, if requested by the Investor, and all exhibits and (iii) upon the effectiveness of each Registration Statement, one (1) electronic copy of the Prospectus included in such Registration Statement and all amendments and supplements thereto; provided, however, the Company shall not be required to furnish any document (other than the Prospectus, which may be provided in .PDF format) to Legal Counsel to the extent such document is available on EDGAR).

(d) The Company shall take such action as is reasonably necessary to (i) register and qualify, unless an exemption from registration and qualification applies, the resale by the Investor of the Registrable Securities covered by a Registration Statement under such other securities or “Blue Sky” laws of all applicable jurisdictions in the United States, (ii) prepare and file in those jurisdictions, such amendments (including, without limitation, post-effective amendments) and supplements to such registrations and qualifications as may be necessary to maintain the effectiveness thereof during the Registration Period, (iii) take such other actions as may be reasonably necessary to maintain such registrations and qualifications in effect at all times during the Registration Period, and (iv) take all other actions reasonably necessary or advisable to qualify the Registrable Securities for sale in such jurisdictions; provided, however, the Company shall not be required in connection therewith or as a condition thereto to (x) qualify to do business in any jurisdiction where it would not otherwise be required to qualify but for this Section 3(e), (y) subject itself to general taxation in any such jurisdiction, or (z) file a general consent to service of process in any such jurisdiction. The Company shall promptly notify Legal Counsel and the Investor of the receipt by the Company of any notification with respect to the suspension of the registration or qualification of any of the Registrable Securities for sale under the securities or “Blue Sky” laws of any jurisdiction in the United States or its receipt of actual notice of the initiation or threatening of any proceeding for such purpose.

(e) The Company shall notify Legal Counsel and the Investor in writing of the happening of any event, as promptly as reasonably practicable after becoming aware of such event, as a result of which the Prospectus included in a Registration Statement, as then in effect, includes an untrue statement of a material fact or omits to state a material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading (provided that in no event shall such notice contain any material, non-public information regarding the Company or any of its Subsidiaries), and, promptly prepare a supplement or amendment to such Registration Statement and such Prospectus contained therein to correct such untrue statement or omission and deliver one (1) electronic copy of such supplement or amendment to Legal Counsel and the Investor (or such other number of copies as Legal Counsel or the Investor may reasonably request). The Company shall also promptly notify Legal Counsel and the Investor in writing (i) when a Prospectus or any Prospectus Supplement or post-effective amendment has been filed, when a Registration Statement or any post-effective amendment has become effective (notification of such effectiveness shall be delivered to Legal Counsel and the Investor by e-mail on the same day of such effectiveness), and when the Company receives written notice from the Commission that a Registration Statement or any post-effective amendment will be reviewed by the Commission, (ii) of any request by the Commission for amendments or supplements to a Registration Statement or related Prospectus or related information, (iii) of the Company's reasonable determination that a post-effective amendment to a Registration Statement would be appropriate and (iv) of the receipt of any request by the Commission or any other federal or state governmental authority for any additional information relating to the Registration Statement or any amendment or supplement thereto or any related Prospectus. The Company shall respond as promptly as reasonably practicable to any comments received from the Commission with respect to a Registration Statement or any amendment thereto.

(f) The Company shall (i) use its reasonable best efforts to prevent the issuance of any stop order or other suspension of effectiveness of a Registration Statement or the use of any Prospectus contained therein, or the suspension of the qualification, or the loss of an exemption from qualification, of any of the Registrable Securities for sale in any jurisdiction and, if such an order or suspension is issued, to obtain the withdrawal of such order or suspension at the earliest possible time and (ii) notify Legal Counsel and the Investor of the issuance of such order and the resolution thereof or its receipt of actual notice of the initiation or threat of any proceeding.

(g) The Company shall hold in confidence and not make any disclosure of information concerning the Investor provided to the Company unless (i) disclosure of such information is necessary to comply with federal or state securities laws, (ii) the disclosure of such information is necessary to avoid or correct a misstatement or omission in any Registration Statement or is otherwise required to be disclosed in such Registration Statement pursuant to the Securities Act, (iii) the release of such information is ordered pursuant to a subpoena or other final, non-appealable order from a court or governmental body of competent jurisdiction, or (iv) such information has been made generally available to the public other than by disclosure in violation of this Agreement or any other Transaction Document. The Company agrees that it shall, upon learning that disclosure of such information concerning the Investor is sought in or by a court or governmental body of competent jurisdiction or through other means, give prompt written notice to the Investor and allow the Investor, at the Investor's expense, to undertake appropriate action to prevent disclosure of, or to obtain a protective order for, such information.

(h) Without limiting any obligation of the Company under the Purchase Agreement, the Company shall use its reasonable best efforts either to (i) cause all of the Registrable Securities covered by each Registration Statement to be listed on Nasdaq, or (ii) secure designation and quotation of all of the Registrable Securities covered by each Registration Statement on another Principal Market. The Company shall pay all fees and expenses in connection with satisfying its obligation under this Section 6(vi)(h).

(i) The Company shall cooperate with the Investor and, to the extent applicable, facilitate the timely preparation and delivery of Registrable Securities, as DWAC Shares, to be offered pursuant to a Registration Statement and enable such DWAC Shares to be in such denominations or amounts (as the case may be) as the Investor may reasonably request from time to time. The Investor hereby agrees to cooperate with the Company, its counsel and Transfer Agent in connection with any issuances of DWAC Shares, and hereby represents, warrants and covenants to the Company that that it will resell such DWAC Shares only pursuant to the Registration Statement in which such DWAC Shares are included, in a manner described under the caption "Plan of Distribution" in such Registration Statement, and in a manner in compliance with all applicable U.S. federal and state securities laws, rules and regulations, including, without limitation, any applicable prospectus delivery requirements of the Securities Act. At the time such DWAC Shares are offered and sold pursuant to the Registration Statement, such DWAC Shares shall be free from all restrictive legends may be transmitted by the transfer agent to the Investor by crediting an account at DTC as directed in writing by the Investor.

(j) Upon the written request of the Investor, the Company shall as soon as reasonably practicable after receipt of notice from the Investor, (i) incorporate in a Prospectus Supplement or post-effective amendment such information as the Investor reasonably requests to be included therein relating to the sale and distribution of Registrable Securities, including, without limitation, information with respect to the number of Registrable Securities being offered or sold, the purchase price being paid therefor and any other terms of the offering of the Registrable Securities to be sold in such offering; (ii) make all required filings of such Prospectus Supplement or post-effective amendment after being notified of the matters to be incorporated in such Prospectus Supplement or post-effective amendment; and (iii) supplement or make amendments to any Registration Statement or Prospectus contained therein if reasonably requested by the Investor.

(k) The Company shall make generally available to its security holders (which may be satisfied by making such information available on EDGAR) not later than ninety (90) days after the close of the period covered thereby, an earnings statement (in form complying with, and in the manner provided by, the provisions of Rule 158 under the Securities Act) covering a twelve-month period beginning not later than the first day of the Company's fiscal quarter next following the applicable Effective Date of each Registration Statement.

(l) The Company shall otherwise use its commercially reasonable efforts to comply with all applicable rules and regulations of the Commission in connection with any registration hereunder.

(m) Notwithstanding anything to the contrary contained herein, at any time after the Effective Date of a particular Registration Statement, the Company may, upon written notice to the Investor, suspend Investor's use of any prospectus that is a part of any Registration Statement (in which event the Investor shall discontinue sales of the Registrable Securities pursuant to such Registration Statement contemplated by this Agreement, but shall settle any previously made sales of Registrable Securities) if the Company (x) is pursuing an acquisition, merger, tender offer, reorganization, disposition or other similar transaction and the Company determines in good faith that (A) the Company's ability to pursue or consummate such a transaction would be materially adversely affected by any required disclosure of such transaction in such Registration Statement or other registration statement or (B) such transaction renders the Company unable to comply with Commission requirements, in each case under circumstances that would make it impractical or inadvisable to cause any Registration Statement (or such filings) to be used by the Investor or to promptly amend or supplement any Registration Statement contemplated by this Agreement on a post effective basis, as applicable, or (y) has experienced some other material non-public event the disclosure of which at such time, in the good faith judgment of the Company, would materially adversely affect the Company (each, an "**Allowable Grace Period**"); *provided, however*, that in no event shall the Investor be suspended from selling Registrable Securities pursuant to any Registration Statement for a period that exceeds sixty (60) consecutive Trading Days or an aggregate of ninety (90) days in any three hundred and sixty-five (365)-day period; and *provided, further*, the Company shall not effect any such suspension during the three-Trading Day period following the VWAP Purchase Share Delivery Date for each VWAP Purchase. Upon disclosure of such information or the termination of the condition described above, the Company shall provide prompt notice, but in any event within one Business Day of such disclosure or termination, to the Investor and shall promptly terminate any suspension of sales it has put into effect and shall take such other reasonable actions to permit registered sales of Registrable Securities as contemplated in this Agreement with respect to the information giving rise thereto unless such material, non-public information is no longer applicable). The Company shall cause its transfer agent to deliver DWAC Shares to a transferee of the Investor in accordance with the terms of the Purchase Agreement in connection with any sale of Registrable Securities with respect to which (i) the Company has made a sale to Investor and (ii) the Investor has entered into a contract for sale, and delivered a copy of the Prospectus included as part of the particular Registration Statement to the extent applicable, in each case prior to the Investor's receipt of the notice of an Allowable Grace Period and for which the Investor has not yet settled.

(vi) All reasonable expenses of the Company, other than sales or brokerage commissions and fees and disbursements of counsel for, and other expenses of, the Investor, incurred in connection with registrations, filings or qualifications, including, without limitation, all registration, listing and qualifications fees, printers and accounting fees, and fees and disbursements of counsel for the Company, shall be paid by the Company.

(viii) With a view to making available to the Investor the benefits of Rule 144, the Company agrees to:

(a) use its best efforts to make and keep current public information available, as such term is used in Rule 144;

(b) furnish to the Investor, promptly upon request, (i) a written statement by the Company, if true, that it has complied with the reporting, submission and posting requirements of Rule 144 and the Exchange Act, (ii) a copy of the most recent annual or quarterly report of the Company and such other reports and documents so filed by the Company with the Commission if such reports are not publicly available via EDGAR, and (iii) such other information as may be reasonably requested to permit the Investor to sell such securities pursuant to Rule 144 without registration; and

(c) take such additional action as is reasonably requested by the Investor to enable the Investor to sell the Registrable Securities pursuant to Rule 144, including, without limitation, delivering all such legal opinions, consents, certificates, resolutions and instructions to the Company's Transfer Agent without unreasonable delay as may be reasonably requested from time to time by the Investor.

(ix) Neither the Company nor the Investor shall assign this Agreement or any of their respective rights or obligations under this Section 6.3.

(x) No provision of this Agreement may be (i) amended other than by a written instrument signed by all parties hereto or (ii) waived other than in a written instrument signed by the party against whom enforcement of such waiver is sought. Failure of any party to exercise any right or remedy under this Agreement or otherwise, or delay by a party in exercising such right or remedy, shall not operate as a waiver thereof.

(xi) Solely for purposes of this Agreement, a Person is deemed to be a holder of Registrable Securities whenever such Person owns or is deemed to own of record such Registrable Securities. If the Company receives conflicting instructions, notices or elections from two or more Persons with respect to the same Registrable Securities, the Company shall act upon the basis of instructions, notice or election received from such record owner of such Registrable Securities.

Section 6.4. Compliance with Laws.

(i) During the Investment Period, the Company shall comply with applicable provisions of the Securities Act and the Exchange Act, including Regulation M thereunder, applicable state securities or "Blue Sky" laws, and applicable listing rules of the Principal Market or Principal Market, in connection with the transactions contemplated by this Agreement, except as would not have a Material Adverse Effect.

(ii) The Investor shall comply with all laws, rules, regulations and orders applicable to the performance by it of its obligations under this Agreement and its investment in the Shares, except as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect. Without limiting the foregoing, the Investor shall comply with all applicable provisions of the Securities Act and the Exchange Act, including Regulation M thereunder, and all applicable state securities or “Blue Sky” laws, in connection with the transactions contemplated by this Agreement.

Section 6.5. Keeping of Records and Books of Account; Due Diligence.

(i) The Investor and the Company shall each maintain records showing the remaining Total Commitment, the remaining Aggregate Limit and the dates and VWAP Purchase Share Amount for each VWAP Purchase.

(ii) Subject to the requirements of Section 6.12, from time to time from and after the Closing Date, the Company shall make available for inspection and review by the Investor during normal business hours and after reasonable notice, customary documentation reasonably requested by the Investor and/or its appointed counsel or advisors to conduct due diligence; provided, however, that after the Closing Date, the Investor’s continued due diligence shall not be a condition precedent to the Company’s right to deliver to the Investor any VWAP Purchase Notice or the settlement thereof except to the extent expressly contemplated by this Agreement.

Section 6.6. No Frustration; No Variable Rate Transactions.

(i) **No Frustration.** The Company shall not enter into, announce or recommend to its shareholders any agreement, plan, arrangement or transaction in or of which the terms thereof would restrict, materially delay, conflict with or impair the ability or right of the Company to perform its obligations under the Transaction Documents to which it is a party, including, without limitation, the obligation of the Company to deliver the Shares to the Investor in respect of a VWAP Purchase not later than the VWAP Purchase Share Delivery Date. For the avoidance of doubt, nothing in this Section 6.6(i) shall in any way limit the Company’s right to terminate this Agreement in accordance with Section 8.2 (subject in all cases to Section 8.3).

(ii) **No Variable Rate Transactions.** The Company shall not effect or enter into any new agreement to effect any issuance by the Company of Common Shares or Common Shares Equivalents (or a combination of units thereof) involving a Variable Rate Transaction. For the avoidance of doubt, the Company shall not be prohibited from entering into a Variable Rate Transaction other than another equity line of credit, unless a VWAP Purchase Notice has been delivered and the delivery of such Shares and the payment therefor have not been completed at such time.

Section 6.7. Fundamental Transaction. If a VWAP Purchase Notice has been delivered to the Investor and the transactions contemplated therein have not yet been fully settled in accordance with the terms and conditions of this Agreement, the Company shall not effect any Fundamental Transaction until the expiration of five (5) Trading Days following the date of full settlement thereof and the issuance to the Investor of all of the Shares issuable pursuant to the VWAP Purchase to which such VWAP Purchase Notice relates.

Section 6.8. Selling Restrictions.

(i) Except as expressly set forth below, the Investor covenants that from and after the Closing Date through and including the Trading Day next following the expiration or termination of this Agreement as provided in Article VIII (the “*Restricted Period*”), none of the Investor, any of its officers, or any entity managed or controlled by the Investor (collectively, the “*Restricted Persons*” and each of the foregoing is referred to herein as a “*Restricted Person*”) shall, directly or indirectly, (i) engage in any Short Sales of the Common Shares or (ii) hedging transaction, which establishes a net short position with respect to the Common Shares, with respect to each of clauses (i) and (ii) hereof, either for its own principal account or for the principal account of any other Restricted Person. Notwithstanding the foregoing, it is expressly understood and agreed that nothing contained herein shall (without implication that the contrary would otherwise be true) prohibit any Restricted Person during the Restricted Period from: (1) selling “long” (as defined under Rule 200 promulgated under Regulation SHO) the Shares; or (2) selling a number of Common Shares equal to the number of Shares that such Restricted Person is unconditionally obligated to purchase under a pending VWAP Purchase Notice but has not yet received from the Company or the Transfer Agent pursuant to this Agreement, so long as (X) such Restricted Person (or the Broker-Dealer, as applicable) delivers the Shares purchased pursuant to such VWAP Purchase Notice to the purchaser thereof or the applicable Broker-Dealer promptly upon such Restricted Person’s receipt of such Shares from the Company in accordance with Section 3.2 of this Agreement and (Y) neither the Company or the Transfer Agent shall have failed for any reason to deliver such Shares to the Investor or its Broker-Dealer so that such Shares are received by the Investor as DWAC Shares on the applicable VWAP Purchase Share Delivery Date in accordance with Section 3.2 of this Agreement, including, without limitation, within the time period specified for receipt of such Shares by the Investor or its Broker-Dealer as DWAC Shares from the Company or the Transfer Agent.

(ii) In addition to the foregoing, in connection with any sale of Shares (including any sale permitted by paragraph (i) above), the Investor shall comply in all respects with all applicable laws, rules, regulations and orders, including, without limitation, the requirements of the Securities Act and the Exchange Act.

Section 6.9. Effective Registration Statement. During the Investment Period, the Company shall use its reasonable best efforts to maintain the continuous effectiveness of the Initial Registration Statement and each New Registration Statement filed with the Commission under the Securities Act for the applicable Registration Period pursuant to and in accordance with this Agreement.

Section 6.10. Blue Sky. The Company shall take such action, if any, as is necessary by the Company in order to obtain an exemption for or to qualify the Shares for sale by the Company to the Investor pursuant to the Transaction Documents, and at the request of the Investor, the subsequent resale of Registrable Securities by the Investor, in each case, under applicable state securities or “Blue Sky” laws and shall provide evidence of any such action so taken to the Investor from time to time following the Closing Date; provided, however, that the Company shall not be required in connection therewith or as a condition thereto to (x) qualify to do business in any jurisdiction where it would not otherwise be required to qualify but for this Section 6.11, (y) subject itself to general taxation in any such jurisdiction, or (z) file a general consent to service of process in any such jurisdiction.

Section 6.11. Non-Public Information. Neither the Company or any of its Subsidiaries, nor any of their respective directors, officers, employees or agents shall disclose any material non-public information about the Company to the Investor during any VWAP Purchase Period, unless a simultaneous public announcement thereof is made by the Company in the manner contemplated by Regulation FD. In the event of a breach of the foregoing covenant by the Company or any of its Subsidiaries, or any of their respective directors, officers, employees and agents (as determined in the reasonable good faith judgment of the Investor) at the time the Investor is holding Shares or will receive Shares due to a pending VWAP Purchase, (i) the Investor shall promptly provide written notice of such breach to the Company and (ii) after such notice has been provided to the Company and, provided that the Company and the Investor shall have not concluded within 48 hours that such information does not constitute material, non-public information or the Company shall have failed to publicly disclose such material, non-public information within 48 hours following demand therefor by the Investor, in addition to any other remedy provided herein or in the other Transaction Documents, if the Investor is holding any Shares at the time of the disclosure of material, non-public information, the Investor shall have the right to make a public disclosure with the Company’s prior written consent (such consent not to be unreasonably withheld or delayed) in the form of a press release, public advertisement or otherwise, of such material, non-public information; *provided*, that prior to making any such public disclosure, the Investor shall consult with the Company and provide the Company opportunity to review and comment on such proposed disclosure. The Investor shall not have any liability to the Company, any of its Subsidiaries, or any of their respective directors, officers, employees, shareholders or agents, for any such disclosure.

Section 6.12. Broker/Dealer. The Investor shall use one or more broker-dealers to effectuate all sales, if any, of the Shares that it may purchase or otherwise acquire from the Company pursuant to the Transaction Documents, as applicable, which (or whom) shall be a DTC participant (collectively, the “*Broker-Dealer*”). The Investor shall, from time to time, provide the Company and the Transfer Agent with all information regarding the Broker-Dealer reasonably requested by the Company to effectuate the purposes of this Agreement. The Investor shall be solely responsible for all fees and commissions of the Broker-Dealer (if any), which shall not exceed customary brokerage fees and commissions and shall be responsible for designating only a DTC participant eligible to receive DWAC Shares.

Section 6.13. Disclosure Schedule.

(i) The Company may, from time to time, update a disclosure schedule (the “*Disclosure Schedule*”) as may be required to satisfy the conditions set forth in Section 7.2(i) (to the extent such condition set forth in Section 7.2(i) relates to the condition in Section 7.1(i) as of a specific VWAP Purchase Condition Satisfaction Time). For purposes of this Section 6.14, any disclosure made in a schedule to the Compliance Certificate shall be deemed to be an update of the Disclosure Schedule. Notwithstanding anything in this Agreement to the contrary, no update to the Disclosure Schedule pursuant to this Section 6.14 shall cure any breach of a representation or warranty of the Company contained in this Agreement and made prior to the update and shall not affect any of the Investor’s rights or remedies with respect thereto.

(ii) Notwithstanding anything to the contrary contained in the Disclosure Schedule or in this Agreement, the information and disclosure contained in any Schedule of the Disclosure Schedule shall be deemed to be disclosed and incorporated by reference in any other Schedule of the Disclosure Schedule as though fully set forth in such Schedule for which applicability of such information and disclosure is readily apparent on its face. The fact that any item of information is disclosed in the Disclosure Schedule shall not be construed to mean that such information is required to be disclosed by this Agreement. Except as expressly set forth in this Agreement, such information and the thresholds (whether based on quantity, qualitative characterization, dollar amounts or otherwise) set forth herein shall not be used as a basis for interpreting the terms “material” or “Material Adverse Effect” or other similar terms in this Agreement.

Section 6.14. Delivery of Bring-Down Opinions and Compliance Certificates Upon Occurrence of Certain Events. Within three (3) Trading Days immediately following each time the Company files (i) an annual report on Form 10-K under the Exchange Act (including any Form 10-K/A containing amended financial information or a material amendment to the previously filed Form 10-K); (ii) a quarterly report on Form 10-Q under the Exchange Act; (iii) a current report on Form 8-K containing amended financial information (other than information “furnished” pursuant to Items 2.02 or 7.01 of Form 8-K or to provide disclosure pursuant to Item 8.01 of Form 8-K relating to the reclassification of certain properties as discontinued operations in accordance with Statement of Financial Accounting Standards No. 144) under the Exchange Act; or (iv) the Initial Registration Statement, any New Registration Statement, or any supplement or post-effective amendment thereto, and in any case, not more than once per calendar quarter, the Company shall (1) deliver to the Investor a Compliance Certificate in customary form, dated as of such date, and (2) cause to be furnished to the Investor opinions of Company Counsel along with a 10b-5 letter from United States Counsel, in customary form (each such opinion or letter, a “*Bring-Down Opinion*”) and (3) cause to be furnished to the Investor a comfort letter from the independent registered public accounting firm of the Company in the case of an annual report on Form 10-K (in the case of a post-effective amendment, only if such amendment contains amended or new financial information), modified, as necessary, to relate to such Registration Statement or post-effective amendment, or the Prospectus contained therein as then amended or supplemented by such Prospectus Supplement, as applicable.

ARTICLE VII
CONDITIONS TO CLOSING AND CONDITIONS TO THE SALE AND
PURCHASE OF THE SHARES

Section 7.1. Conditions Precedent to Commencement. The right of the Company to commence delivering VWAP Purchase Notices under this Agreement, and the obligation of the Investor to accept VWAP Purchase Notices delivered to the Investor by the Company under this Agreement, are subject to the initial satisfaction, at Commencement, of each of the conditions set forth in this Section 7.1.

(i) **Accuracy of the Company's Representations and Warranties.** The representations and warranties of the Company contained in this Agreement (a) that are not qualified by "materiality" or "Material Adverse Effect" shall have been true and correct in all material respects when made and shall be true and correct in all material respects as of the Commencement Date with the same force and effect as if made on such date, except to the extent such representations and warranties are as of another date, in which case, such representations and warranties shall be true and correct in all material respects as of such other date and (b) that are qualified by "materiality" or "Material Adverse Effect" shall have been true and correct when made and shall be true and correct as of the Commencement Date with the same force and effect as if made on such date, except to the extent such representations and warranties are as of another date, in which case, such representations and warranties shall be true and correct as of such other date.

(ii) **Accuracy of the Investor's Representations and Warranties.** The representations and warranties of the Investor contained in this Agreement (a) that are not qualified by "materiality" shall be true and correct in all material respects as of the Commencement Date, except to the extent such representations and warranties are as of another date, in which case, such representations and warranties shall be true and correct in all material respects as of such other date and (b) that are qualified by "materiality" shall be true and correct as of the Commencement Date, except to the extent such representations and warranties are as of another date, in which case, such representations and warranties shall be true and correct as of such other date.

(iii) **Payment of Upfront Commitment Fee.** On or prior to the end of the Trading Day immediately following the execution of this Agreement, the Company shall have paid the Upfront Commitment Fee by issuance of the Commitment Fee Warrant to the Investor, all of which Upfront Commitment Fee shall be fully earned and non-refundable as of the date of such payment, regardless of whether any VWAP Purchases are made or settled hereunder or any subsequent termination of this Agreement.

(iv) **Performance of the Company.** The Company shall have performed, satisfied and complied in all material respects with all covenants, agreements and conditions required by this Agreement to be performed, satisfied or complied with by the Company at or prior to the Commencement. The Company shall deliver to the Investor on the Commencement Date a compliance certificate in customary form (the "*Compliance Certificate*").

(v) **Initial Registration Statement Effective.** The Initial Registration Statement covering the resale by the Investor of the Registrable Securities included therein required to be filed by the Company with the Commission pursuant to Section 2.3 of this Agreement shall have been declared effective under the Securities Act by the Commission, and the Investor shall be permitted to utilize the Prospectus therein to resell all of the Shares included in such Prospectus.

(vi) **No Material Notices**. None of the following events shall have occurred and be continuing: (a) receipt of any request by the Commission or any other federal or state governmental authority for any additional information relating to the Initial Registration Statement, the Prospectus contained therein or any Prospectus Supplement thereto, or for any amendment of or supplement to the Initial Registration Statement, the Prospectus contained therein or any Prospectus Supplement thereto; (b) the issuance by the Commission or any other federal or state governmental authority of any stop order suspending the effectiveness of the Initial Registration Statement or prohibiting or suspending the use of the Prospectus contained therein or any Prospectus Supplement thereto, or of the suspension of qualification or exemption from qualification of the Shares for offering or sale in any jurisdiction, or the initiation or contemplated initiation of any proceeding for such purpose; or (c) the occurrence of any event or the existence of any condition or state of facts, which makes any statement of a material fact made in the Initial Registration Statement, the Prospectus contained therein or any Prospectus Supplement thereto untrue or which requires the making of any additions to or changes to the statements then made in the Initial Registration Statement, the Prospectus contained therein or any Prospectus Supplement thereto in order to state a material fact required by the Securities Act to be stated therein or necessary in order to make the statements then made therein (in the case of the Prospectus or any Prospectus Supplement, in the light of the circumstances under which they were made) not misleading, or which requires an amendment to the Initial Registration Statement or a supplement to the Prospectus contained therein or any Prospectus Supplement thereto to comply with the Securities Act or any other law. The Company shall have no knowledge of any event that would reasonably be expected to have the effect of causing the suspension of the effectiveness of the Initial Registration Statement or the prohibition or suspension of the use of the Prospectus contained therein or any Prospectus Supplement thereto in connection with the resale of the Registrable Shares by the Investor.

(vii) **No Suspension of Trading in or Notice of Delisting of Common Shares**. Trading in the Common Shares shall not have been suspended by the Commission, the Principal Market or FINRA (except for any suspension of trading of limited duration agreed to by the Company, which suspension shall be terminated prior to the Commencement Date), the Company shall not have received any final and non-appealable notice that the listing or quotation of the Common Shares on the Principal Market shall be terminated on a date certain (unless, prior to such date certain, the Common Shares is listed or quoted on any other Principal Market), nor shall there have been imposed any suspension of, or restriction on, accepting additional deposits of the Common Shares, electronic trading or book-entry services by DTC with respect to the Common Shares that is continuing, the Company shall not have received any notice from DTC to the effect that a suspension of, or restriction on, accepting additional deposits of the Common Shares, electronic trading or book-entry services by DTC with respect to the Common Shares is being imposed or is contemplated (unless, prior to such suspension or restriction, DTC shall have notified the Company in writing that DTC has determined not to impose any such suspension or restriction).

(viii) **Compliance with Laws**. The Company shall have complied with all applicable federal, state and local governmental laws, rules, regulations and ordinances in connection with the execution, delivery and performance of this Agreement and the other Transaction Documents to which it is a party and the consummation of the transactions contemplated hereby and thereby, including, without limitation, the Company shall have obtained all permits and qualifications required by any applicable state securities or “Blue Sky” laws for the offer and sale of the Shares by the Company to the Investor and the subsequent resale of the Registrable Securities by the Investor (or shall have the availability of exemptions therefrom).

(ix) **No Injunction**. No statute, regulation, order, decree, writ, ruling or injunction shall have been enacted, entered, promulgated, threatened or endorsed by any court or governmental authority of competent jurisdiction which prohibits the consummation of or which would materially modify or delay any of the transactions contemplated by the Transaction Documents.

(x) **No Proceedings or Litigation**. No action, suit or proceeding before any arbitrator or any court or governmental authority shall have been commenced, and no inquiry or investigation by any governmental authority shall have been commenced, against the Company or any Subsidiary, or any of the officers, directors or Affiliates of the Company or any Subsidiary, seeking to restrain, prevent or change the transactions contemplated by the Transaction Documents, or seeking material damages in connection with such transactions.

(xi) **Listing of Shares**. All of the Shares that have been and may be issued pursuant to this Agreement shall have been approved for listing or quotation on the Principal Market as of the Commencement Date, subject only to notice of issuance.

(xii) **No Material Adverse Effect**. No condition, occurrence, state of facts or event constituting a Material Adverse Effect shall have occurred and be continuing.

(xiii) **No Bankruptcy Proceedings**. No Person shall have commenced a proceeding against the Company pursuant to or within the meaning of any Bankruptcy Law. The Company shall not have, pursuant to or within the meaning of any Bankruptcy Law, (a) commenced a voluntary case, (b) consented to the entry of an order for relief against it in an involuntary case, (c) consented to the appointment of a Custodian of the Company or for all or substantially all of its property, or (d) made a general assignment for the benefit of its creditors. A court of competent jurisdiction shall not have entered an order or decree under any Bankruptcy Law that (I) is for relief against the Company in an involuntary case, (II) appoints a Custodian of the Company or for all or substantially all of its property, or (III) orders the liquidation of the Company or any of its Subsidiaries.

(xiv) **Delivery of Commencement Irrevocable Transfer Agent Instructions and Opinion of Counsel**. The Commencement Irrevocable Transfer Agent Instructions shall have been executed by the Company and delivered to the Company’s transfer agent and an opinion of United States Counsel relating to the Initial Registration Statement and the removal of restrictive legends from the Shares shall have been executed by Company Counsel and delivered to the Transfer Agent.

(xv) **Reservation of Shares.** As of the Commencement Date, the Company shall have reserved out of its authorized and unissued Common Shares a number of Common Shares equal to the Share Cap solely for the purpose of effecting VWAP Purchases under this Agreement.

(xvi) **Opinions of Company Counsel.** On the Commencement Date, the Investor shall have received the opinions of Company Counsel, along with a 10b-5 letter from Company Counsel, in customary form.

(xvii) **Comfort Letter of Accountant.** On the Commencement Date, the Investor shall have received from the Accountant or a successor independent registered public accounting firm for the Company, a letter dated the Commencement Date addressed to the Investor, in form and substance reasonably satisfactory to the Investor with respect to the audited and unaudited financial statements and certain financial information contained in the Registration Statement and the Prospectus, and any Prospectus Supplement, except that the specific date referred to therein for the carrying out of procedures shall be no more than three Business Days prior to the Commencement Date.

Section 7.2. Conditions Precedent to VWAP Purchases after Commencement Date. The right of the Company to deliver VWAP Purchase Notices under this Agreement after the Commencement Date, and the obligation of the Investor to accept VWAP Purchase Notices under this Agreement after the Commencement Date, are subject to the satisfaction of each of the conditions set forth in this Section 7.2 at the applicable VWAP Purchase Commencement Time for the VWAP Purchase to be effected pursuant to the applicable VWAP Purchase Notice timely delivered by the Company to the Investor in accordance with this Agreement (each such time, a “*VWAP Purchase Condition Satisfaction Time*”).

(i) **Satisfaction of Certain Prior Conditions.** Each of the conditions set forth in subsections (i), (ii), (vi) through (xiii), (xv) and (xviii) set forth in Section 7.1 shall be satisfied at the applicable VWAP Purchase Condition Satisfaction Time after the Commencement Date (with the terms “Commencement” and “Commencement Date” in the conditions set forth in subsections (i) and (ii) of Section 7.1 replaced with “applicable VWAP Purchase Condition Satisfaction Time”); provided, however, that the Company shall not be required to deliver the Compliance Certificate after the Commencement Date, except as provided in Section 6.15 and Section 7.2(x).

(ii) **Initial Registration Statement Effective.** The Initial Registration Statement covering the resale by the Investor of the Registrable Securities included therein required to be filed by the Company with the Commission pursuant to Section 2.3 of this Agreement, and any post-effective amendment thereto required to be filed by the Company with the Commission after the Commencement Date and prior to the applicable VWAP Purchase Date shall have been declared and shall remain effective under the Securities Act by the Commission, and the Investor shall be permitted to (and to continue to) utilize the Prospectus therein, and any Prospectus Supplement thereto, to resell all of the Shares included in the Initial Registration Statement, and any post-effective amendment thereto, that have been issued and sold to the Investor hereunder pursuant to all VWAP Purchase Notices delivered by the Company to the Investor prior to such applicable VWAP Purchase Date, and all of the Shares included in the Initial Registration Statement, and any post-effective amendment thereto, that are issuable pursuant to the applicable VWAP Purchase Notice delivered by the Company to the Investor with respect to a VWAP Purchase to be effected hereunder on such applicable VWAP Purchase Date.

(iii) **Any Required New Registration Statement Effective.** Any New Registration Statement covering the resale by the Investor of the Registrable Securities included therein, and any post-effective amendment thereto, required to be filed by the Company with the Commission pursuant to this Agreement after the Commencement Date and prior to the applicable VWAP Purchase Date, in each case shall have been declared effective under the Securities Act by the Commission and shall remain effective for the applicable Registration Period, and the Investor shall be permitted to utilize the Prospectus therein, and any Prospectus Supplement thereto, to resell (a) all of the Shares included in such New Registration Statement, and any post-effective amendment thereto, that have been issued and sold to the Investor hereunder pursuant to all VWAP Purchase Notices delivered by the Company to the Investor prior to such applicable VWAP Purchase Date and (b) all of the Shares included in such new Registration Statement, and any post-effective amendment thereto, that are issuable pursuant to the applicable VWAP Purchase Notice delivered by the Company to the Investor with respect to a VWAP Purchase to be effected hereunder on such applicable VWAP Purchase Date.

(iv) **Delivery of Subsequent Irrevocable Transfer Agent Instructions and Opinion of Counsel.** With respect to any post-effective amendment to the Initial Registration Statement, any New Registration Statement or any post-effective amendment to any New Registration Statement, in each case declared effective by the Commission after the Commencement Date, the Company shall have delivered or caused to be delivered to the Transfer Agent (a) irrevocable instructions in the form substantially similar to the Commencement Irrevocable Transfer Agent Instructions executed by the Company and acknowledged in writing by the Transfer Agent and (b) an opinion of Company Counsel relating to the removal of restrictive legends from the Shares, in each case modified as necessary to refer to such Registration Statement or post-effective amendment and the Registrable Securities included therein, to issue the Registrable Securities included therein as DWAC Shares in accordance with the terms of this Agreement.

(v) **No Material Notices.** None of the following events shall have occurred and be continuing: (a) receipt of any request by the Commission or any other federal or state governmental authority for any additional information relating to the Initial Registration Statement or any post-effective amendment thereto, any New Registration Statement or any post-effective amendment thereto, or the Prospectus contained in any of the foregoing or any Prospectus Supplement thereto, or for any amendment of or supplement to the Initial Registration Statement or any post-effective amendment thereto, any New Registration Statement or any post-effective amendment thereto, or the Prospectus contained in any of the foregoing or any Prospectus Supplement thereto; (b) the issuance by the Commission or any other federal or state governmental authority of any stop order suspending the effectiveness of the Initial Registration Statement or any post-effective amendment thereto, any New Registration Statement or any post-effective amendment thereto, or prohibiting or suspending the use of the Prospectus contained in any of the foregoing or any Prospectus Supplement thereto, or of the suspension of qualification or exemption from qualification of the Shares for offering or sale in any jurisdiction, or the initiation or contemplated initiation of any proceeding for such purpose; or (c) the occurrence of any event or the existence of any condition or state of facts, which makes any statement of a material fact made in the Initial Registration Statement or any post-effective amendment thereto, any New Registration Statement or any post-effective amendment thereto, or the Prospectus contained in any of the foregoing or any Prospectus Supplement thereto untrue or which requires the making of any additions to or changes to the statements then made in the Initial Registration Statement or any post-effective amendment thereto, any New Registration Statement or any post-effective amendment thereto, or the Prospectus contained in any of the foregoing or any Prospectus Supplement thereto in order to state a material fact required by the Securities Act to be stated therein or necessary in order to make the statements then made therein (in the case of the Prospectus or any Prospectus Supplement, in the light of the circumstances under which they were made) not misleading, or which requires an amendment to the Initial Registration Statement or any post-effective amendment thereto, any New Registration Statement or any post-effective amendment thereto, or the Prospectus contained in any of the foregoing or any Prospectus Supplement thereto to comply with the Securities Act or any other law (other than the transactions contemplated by the applicable VWAP Purchase Notice delivered by the Company to the Investor with respect to a VWAP Purchase to be effected hereunder on such applicable VWAP Purchase Date and the settlement thereof). The Company shall have no knowledge of any event that would reasonably be expected to have the effect of causing the suspension of the effectiveness of the Initial Registration Statement or any post-effective amendment thereto, any New Registration Statement or any post-effective amendment thereto, or the prohibition or suspension of the use of the Prospectus contained in any of the foregoing or any Prospectus Supplement thereto in connection with the resale of the Registrable Securities by the Investor.

(vi) **Other Commission Filings.** The final Prospectus included in any post-effective amendment to the Initial Registration Statement, and any Prospectus Supplement thereto, required to be filed by the Company with the Commission pursuant to Section 2.3 after the Commencement Date and prior to the applicable VWAP Purchase Date, shall have been filed with the Commission in accordance with Section 2.3. The final Prospectus included in any New Registration Statement and in any post-effective amendment thereto, and any Prospectus Supplement thereto, required to be filed by the Company with the Commission pursuant to Section 2.3 after the Commencement Date and prior to the applicable VWAP Purchase Date, shall have been filed with the Commission in accordance with Section 2.3. All reports, schedules, registrations, forms, statements, information and other documents required to have been filed by the Company with the Commission pursuant to the reporting requirements of the Exchange Act, including all material required to have been filed pursuant to Section 13(a) or 15(d) of the Exchange Act, after the Commencement Date and prior to the applicable VWAP Purchase Date, shall have been filed with the Commission.

(vii) **No Suspension of Trading in or Notice of Delisting of Common Shares.** Trading in the Common Shares shall not have been suspended by the Commission, the Principal Market or the FINRA (except for any suspension of trading of limited duration agreed to by the Company, which suspension shall be terminated prior to the applicable VWAP Purchase Date), the Company shall not have received any final and non-appealable notice that the listing or quotation of the Common Shares on the Principal Market shall be terminated on a date certain (unless, prior to such date certain, the Common Shares is listed or quoted on any other Principal Market), nor shall there have been imposed any suspension of, or restriction on, accepting additional deposits of the Common Shares, electronic trading or book-entry services by DTC with respect to the Common Shares that is continuing, the Company shall not have received any notice from DTC to the effect that a suspension of, or restriction on, accepting additional deposits of the Common Shares, electronic trading or book-entry services by DTC with respect to the Common Shares is being imposed or is contemplated (unless, prior to such suspension or restriction, DTC shall have notified the Company in writing that DTC has determined not to impose any such suspension or restriction).

(viii) **Certain Limitations.** The issuance and sale of the Shares issuable pursuant to the applicable VWAP Purchase Notice shall not (a) exceed the applicable VWAP Purchase Share Amount, (b) cause the Aggregate Limit or the Beneficial Ownership Limitation to be exceeded, or (c) cause the Exchange Cap (to the extent applicable under Section 3.3) to be exceeded, unless in the case of this clause (c), unless the Company's shareholders have theretofore approved the issuance of Common Shares under this Agreement in excess of the Exchange Cap in accordance with the applicable rules of the Principal Market, unless "average price" of all purchases under the Purchase Agreement equals or exceeds the Minimum Price, adjusted to take into account the Upfront Commitment Fee such that issuances and sales of Common Stock under this Agreement are deemed "at market" pursuant to the corporate governance rules of the Principal Market.

(ix) **Shares Authorized and Delivered.** All of the Shares issuable pursuant to the applicable VWAP Purchase Notice shall have been duly authorized by all necessary corporate action of the Company. All Shares relating to all prior VWAP Purchase Notices required to have been received by the Investor as DWAC Shares under this Agreement prior to the applicable VWAP Purchase Condition Satisfaction Time for the applicable VWAP Purchase shall have been delivered to the Investor as DWAC Shares in accordance with this Agreement.

(x) **Bring-Down Opinions of Company Counsel, Bring-Down Comfort Letters and Compliance Certificates.** The Investor shall have received (a) all Bring-Down Opinions from Company Counsel for which the Company was obligated to instruct its Company Counsel to deliver to the Investor prior to the applicable VWAP Purchase Condition Satisfaction Time for the applicable VWAP Purchase, (b) all Bring-Down comfort letters provided by the Company's auditors and delivered to the Investor prior to the applicable VWAP Purchase Condition Satisfaction Time for the applicable VWAP Purchase, and (c) all Compliance Certificates from the Company that the Company was obligated to deliver to the Investor prior to the applicable VWAP Purchase Condition Satisfaction Time for the applicable VWAP Purchase, in each case in accordance with Section 6.15.

(xi) **Material Non-Public Information.** Neither the Company nor, in the Investor's sole discretion, the Investor, shall be in possession of any material non-public information concerning the Company.

ARTICLE VIII TERMINATION

Section 8.1. Automatic Termination. Unless earlier terminated as provided hereunder, this Agreement shall terminate automatically on the earliest to occur of (i) the first day of the month next following the 36-month anniversary of the Effective Date of the Initial Registration Statement, (ii) the date on which the Investor shall have purchased the Total Commitment worth of Shares pursuant to this Agreement, (iii) the date on which the Common Shares shall have failed to be listed or quoted on the Principal Market or any other Principal Market, (iv) the thirtieth (30th) Trading Day next following the date on which, pursuant to or within the meaning of any Bankruptcy Law, the Company commences a voluntary case or any Person commences a proceeding against the Company, in each case that is not discharged or dismissed prior to such thirtieth (30th) Trading Day, and (v) the date on which, pursuant to or within the meaning of any Bankruptcy Law, a Custodian is appointed for the Company or for all or substantially all of its property, or the Company makes a general assignment for the benefit of its creditors.

Section 8.2. Other Termination. Subject to Section 8.3, the Company may terminate this Agreement after the Commencement Date effective upon ten (10) Trading Days' prior written notice to the Investor in accordance with Section 10.4; provided, however, that (i) the Company shall have paid the Upfront Commitment Fee to the Investor required to be paid pursuant to Section 10.1(ii) of this Agreement, and (ii) prior to issuing any press release, or making any public statement or announcement, with respect to such termination, the Company shall consult with the Investor and its counsel on the form and substance of such press release or other disclosure. Subject to Section 8.3, this Agreement may be terminated at any time by the mutual written consent of the parties, effective as of the date of such mutual written consent unless otherwise provided in such written consent. Subject to Section 8.3, the Investor shall have the right to terminate this Agreement effective upon ten (10) Trading Days' prior written notice to the Company, which notice shall be made in accordance with Section 10.4 of this Agreement, if: (a) a Fundamental Transaction shall have occurred; (b) the Company is in breach or default in any material respect of any of its covenants and agreements in this Purchase Agreement, and, if such breach or default is capable of being cured, such breach or default is not cured within fifteen (15) Trading Days after notice of such breach or default is delivered to the Company pursuant to Section 10.4 of this Agreement; (c) while a Registration Statement, or any post-effective amendment thereto, is required to be maintained effective pursuant to the terms of this Agreement and the Investor holds any Registrable Securities, the effectiveness of such Registration Statement, or any post-effective amendment thereto, lapses for any reason (including, without limitation, the issuance of a stop order by the Commission) or such Registration Statement or any post-effective amendment thereto, the Prospectus contained therein or any Prospectus Supplement thereto otherwise becomes unavailable to the Investor for the resale of all of the Registrable Securities included therein in accordance with the terms of this Agreement, and such lapse or unavailability continues for a period of forty-five (45) consecutive Trading Days or for more than an aggregate of ninety (90) Trading Days in any three hundred and sixty-five (365)-day period, other than due to acts of the Investor; (d) trading in the Common Shares on the Principal Market (or if the Common Shares is then listed on an Principal Market, trading in the Common Shares on such Principal Market) shall have been suspended and such suspension continues for a period of five (5) consecutive Trading Days; or (e) the Company is in material breach or default of any of its covenants and agreements contained in this Agreement, and, if such breach or default is capable of being cured, such breach or default is not cured within fifteen (15) Trading Days after notice of such breach or default is delivered to the Company pursuant to Section 10.4 of this Agreement. Unless notification thereof is required elsewhere in this Agreement (in which case such notification shall be provided in accordance with such other provision), the Company shall promptly (but in no event later than twenty-four (24) hours) notify the Investor (and, if required under applicable law, including, without limitation, Regulation FD promulgated by the Commission, or under the applicable rules and regulations of the Principal Market (or if the Common Shares is then listed on a Principal Market, under the applicable rules and regulations of such Principal Market), the Company shall publicly disclose such information in accordance with Regulation FD and the applicable rules and regulations of the Principal Market (or such Principal Market, as applicable)) upon becoming aware of any of the events set forth in the immediately preceding sentence.

Section 8.3. Effect of Termination. In the event of termination by the Company or the Investor (other than by mutual termination) pursuant to Section 8.2, written notice thereof shall forthwith be given to the other party as provided in Section 10.4 and the transactions contemplated by this Agreement shall be terminated without further action by either party. If this Agreement is terminated as provided in Section 8.1 or Section 8.2, this Agreement shall become void and of no further force and effect, except that (i) the provisions of Article V (Representations, Warranties and Covenants of the Company), Article IX (Indemnification), Article X (Miscellaneous) and this Article VIII (Termination) shall remain in full force and effect indefinitely notwithstanding such termination, and, (ii) so long as the Investor owns any Shares, the covenants and agreements of the Company contained in Article VI (Additional Covenants) shall remain in full force and notwithstanding such termination for a period of thirty (30) days following such termination. Notwithstanding anything in this Agreement to the contrary, no termination of this Agreement by any party shall (i) become effective prior to the second (2nd) Trading Day immediately following the date on which the purchase of Shares by the Investor pursuant to any pending VWAP Purchase has been fully settled, including, without limitation, the delivery by the Company to the Investor of all Shares purchased by the Investor pursuant to such pending VWAP Purchase as DWAC Shares on the applicable VWAP Purchase Share Delivery Date therefor, and the delivery by the Investor to the Company of the aggregate VWAP Purchase Price payable by the Investor for such Shares, in each case in accordance with the settlement procedures set forth in Section 3.2 of this Agreement (it being hereby acknowledged and agreed that no termination of this Agreement shall limit, alter, modify, change or otherwise affect any of the Company's or the Investor's rights or obligations under the Transaction Documents with respect to any pending VWAP Purchase that has not fully settled, and that the parties shall fully perform their respective obligations with respect to any such pending VWAP Purchase under the Transaction Documents), (ii) limit, alter, modify, change or otherwise affect the Company's or the Investor's rights or obligations under this Agreement as they relate to the Initial Registration Statement or the New Registration Statement and the maintenance of their continued effectiveness, all of which shall survive any such termination, or (iii) affect the Upfront Commitment Fee payable to the Investor pursuant to Section 10.1(ii) it being hereby acknowledged and agreed that the entire amount of the Upfront Commitment Fee shall be fully earned by the Investor and shall be non-refundable as of the Upfront Determination Date, regardless of whether any VWAP Purchases are made or settled hereunder or any subsequent termination of this Agreement. Nothing in this Section 8.3 shall be deemed to release the Company or the Investor from any liability for any breach or default under this Agreement or any of the other Transaction Documents to which it is a party, or to impair the rights of the Company and the Investor to compel specific performance by the other party of its obligations under this Agreement or any of the other Transaction Documents to which it is a party.

**ARTICLE IX
INDEMNIFICATION**

Section 9.1. Indemnification of Investor. In consideration of the Investor's execution and delivery of this Agreement and acquiring the Shares hereunder and in addition to all of the Company's other obligations under the Transaction Documents to which it is a party, subject to the provisions of this Section 9.1, the Company shall indemnify and hold harmless the Investor, each of its directors, officers, shareholders, members, partners, employees, representatives and agents (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding the lack of such title or any other title) and each Person, if any, who controls the Investor within the meaning of the Securities Act or the Exchange Act) and each of the directors, officers, shareholders, members, partners, employees, agents, and representatives (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding the lack of such title or any other title) of such controlling person (each, an "**Investor Party**"), from and against all losses, liabilities, obligations, claims, contingencies, damages, costs and expenses (including all judgments, amounts paid in settlement, court costs, reasonable attorneys' fees and costs of defense and investigation) (collectively, "**Damages**") that any Investor Party has suffered or incurred (a) as a result of, relating to or arising out of, or based upon any untrue statement or alleged untrue statement of a material fact contained in any Commission Document (or any amendment thereto), or the omission or alleged omission therefrom of a material fact required to be stated therein or necessary to make the statements therein not misleading, or arising out of any untrue statement or alleged untrue statement of a material fact included in any Commission Document, or the omission or alleged omission therefrom of a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided, however, that this indemnity in (a) shall not apply to any loss, liability, claim, damage or expense to the extent arising out of an untrue statement or omission, or alleged untrue statement or omission in a Commission Document, made in reliance upon and in conformity with information furnished in writing to the Company by the Investor for the Company's express use in connection with the preparation of the Registration Statement, Prospectus or Prospectus Supplement or any such amendment thereof or supplement thereto (it being hereby acknowledged and agreed that the written information set forth on Exhibit C to this Agreement is the only written information furnished to the Company by or on behalf of the Investor expressly for use in any Registration Statement, Prospectus or Prospectus Supplement), (b) to the extent of the aggregate amount paid in settlement of any litigation, or any investigation or proceeding by any Governmental Authority, commenced or threatened, or of any claim whatsoever based upon any such untrue statement or omission, or any such alleged untrue statement or omission; provided that any such settlement is effected with the written consent of the Company, which consent shall not unreasonably be delayed, conditioned or withheld, (c) in investigating, preparing or defending against any litigation, or any investigation or proceeding by any Governmental Authority, commenced or threatened, or any claim whatsoever based upon any such untrue statement or omission, or any such alleged untrue statement or omission (whether or not a party), to the extent that any such expense is not paid under (a) or (b) above, (d) as a result of, relating to or arising out of any breach by the Company of its representations, warranties, covenants or agreements under this Agreement, or (e) as a result of, relating to or arising out of any other action, suit, claim or proceeding against an Investor Party arising out of or otherwise in connection with the Transaction Documents (except in the case of subsection (e), solely to the extent any Damage is determined by a court of competent jurisdiction, not subject to further appeal, to have resulted primarily and directly from the bad faith or gross negligence of such Investor Party).

The Company shall reimburse any Investor Party promptly upon demand (with accompanying presentation of documentary evidence) for all reasonable legal and other costs and expenses reasonably incurred by such Investor Party in connection with (i) any action, suit, claim or proceeding, whether at law or in equity, to enforce compliance by the Company with any provision of the Transaction Documents or (ii) any other any action, suit, claim or proceeding, whether at law or in equity, with respect to which it is entitled to indemnification under this Section 9.1. To the extent that the foregoing undertakings by the Company set forth in this Section 9.1 may be unenforceable for any reason, the Company shall make the maximum contribution to the payment and satisfaction of each of the Damages which is permissible under applicable law, provided that in no event shall the Investor be obligated to contribute any amount in excess of the fees it actually receives pursuant to this Agreement.

Section 9.2. Indemnification of the Company. In consideration of the Company's execution and delivery of this Agreement and sale of the Shares hereunder and in addition to all of the Investor's other obligations under the Transaction Documents to which it is a party, subject to the provisions of this Section 9.2, the Investor shall indemnify and hold harmless the Company, its affiliates, each of their respective directors, officers, shareholders, members, partners, employees, representatives and agents (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding the lack of such title or any other title) and each Person, if any, who controls the Company within the meaning of the Securities Act or the Exchange Act) and each of the directors, officers, shareholders, members, partners, employees, agents, and representatives (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding the lack of such title or any other title) of such controlling person (each, a "**Company Party**"), from and against Damages that any Company Party may suffer or incur in connection with the claims described in clauses (a), (b), (c), (d) and (e) of Section 9.1; provided that, such indemnity shall only be required if the Damages occurred as a result of an untrue statement or omission, or alleged untrue statement or omission in a Commission Document, made in reliance upon and in conformity with information furnished in writing to the Company by the Investor for the Company's express for use in connection with the preparation of the Registration Statement, Prospectus or Prospectus Supplement or any such amendment thereof or supplement thereto (it being hereby acknowledged and agreed that the written information set forth in a customary selling shareholder questionnaire is the only written information furnished to the Company by or on behalf of the Investor expressly for use in any Registration Statement, Prospectus or Prospectus Supplement).

Section 9.3. Indemnification Procedures.

(a) Promptly after an Investor Party receives notice of a claim or the commencement of an action for which the Investor Party intends to seek indemnification under Section 9.1, the Investor Party will notify the Company in writing of the claim or commencement of the action, suit or proceeding; provided, however, that failure to notify the Company will not relieve the Company from liability under Section 9.1, unless and solely to the extent it has been materially prejudiced by the failure to give such notice as evidenced by the forfeiture of by the Company of substantive rights or defenses. The Company will be entitled to participate in the defense of any claim, action, suit or proceeding as to which indemnification is being sought, and if the Company acknowledges in writing the obligation to indemnify the Investor Party against whom the claim or action is brought, the Company may (but will not be required to) assume the defense against the claim, action, suit or proceeding with counsel satisfactory to it. After the Company notifies the Investor Party that the Company wishes to assume the defense of a claim, action, suit or proceeding, the Company will not be liable for any further legal or other expenses incurred by the Investor Party in connection with the defense against the claim, action, suit or proceeding unless (1) the employment of counsel by the Investor Party has been authorized in writing by the Company, (2) the Investor Party has reasonably concluded (based on advice of counsel) that there may be legal defenses available to it or another Investor Party that are different from or in addition to those available to the Company, (3) a conflict or potential conflict exists (based on advice of counsel to the Investor Party) between an Investor Party and the Company (in which case the Company will not have the right to direct the defense of such action on behalf of the indemnified party) or (4) the Company has not in fact employed counsel to assume the defense of such action or counsel reasonably satisfactory to the indemnified party, in each case, within a reasonable time after receiving notice of the commencement of the action; in each of which cases the reasonable fees, disbursements and other charges of counsel will be at the expense of the Company. It is understood that the Company shall not, in connection with any proceeding or related proceedings in the same jurisdiction, be liable for the reasonable fees, disbursements and other charges of more than one separate firm (plus local counsel) admitted to practice in such jurisdiction at any one time for all such similarly situated Investor Parties. The Company will not be liable for any settlement of any action effected without its prior written consent, which consent shall not be unreasonably withheld, delayed or conditioned. The Company shall not, without the prior written consent of each indemnified party, settle or compromise or consent to the entry of any judgment in any pending or threatened claim, action or proceeding relating to the matters contemplated by this section (whether or not any indemnified party is a party thereto), unless such settlement, compromise or consent (1) includes an express and unconditional release of each indemnified party, in form and substance reasonably satisfactory to such indemnified party, from all liability arising out of such litigation, investigation, proceeding or claim and (2) does not include a statement as to or an admission of fault, culpability or a failure to act by or on behalf of any indemnified party.

(b) In order to provide for just and equitable contribution in circumstances in which the indemnification provided for in the foregoing paragraphs of this Article IX for any reason is held to be unavailable or insufficient to hold an Investor Party harmless, the Company and the Investor Party will contribute to the total losses, claims, liabilities, expenses and damages (including any investigative, legal and other expenses reasonably incurred in connection with, and any amount paid in settlement of, any action, suit or proceeding or any claim asserted) to which the Company and the Investor Party may be subject in such proportion as shall be appropriate to reflect the relative benefits received by the Company on the one hand and the Investor on the other hand. The relative benefits received by the Company on the one hand and the Investor Party on the other hand shall be deemed to be in the same proportion as the total net proceeds from the aggregate of all VWAP Purchase Amounts (before deducting expenses) received by the Company bear to the total compensation received by the Investor from the Company pursuant to this Agreement. If, but only if, the allocation provided by the foregoing sentence is not permitted by applicable law, the allocation of contribution shall be made in such proportion as is appropriate to reflect not only the relative benefits referred to in the foregoing sentence but also the relative fault of the Company, on the one hand, and the Investor Party, on the other hand, with respect to the statements or omission that resulted in such loss, claim, liability, expense or damage, or action in respect thereof, as well as any other relevant equitable considerations with respect to such offering. Such relative fault shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact or omission or alleged omission to state a material fact relates to information supplied by the Company or the Investor Party, the intent of the parties and their relative knowledge, access to information and opportunity to correct or prevent such statement or omission. The Company and the Investor Party agree that it would not be just and equitable if contributions pursuant to this Section 9.3(b) were to be determined by pro rata allocation or by any other method of allocation that does not take into account the equitable considerations referred to herein. The amount paid or payable by an indemnified party as a result of the loss, claim, liability, expense, or damage, or action in respect thereof, referred to above in this Section 9.3(b) shall be deemed to include, for the purpose of this Section 9.3(b), any legal or other expenses reasonably incurred by such indemnified party in connection with investigating or defending any such action or claim to the extent consistent with Section 9.3(a) hereof. Notwithstanding the foregoing provisions of this Section 9.3(b), the Investor shall not be required to contribute any amount in excess of the commissions received by it under this Agreement and no person found guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) will be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation. For purposes of this Section 9.3(b), any person who controls a party to this Agreement within the meaning of the Securities Act, any affiliates of the Investor Party and any officers, directors, partners, employees or agents of the Investor Party or any of its affiliates, will have the same rights to contribution as that party, and each director of the Company and each officer of the Company who signed the Registration Statement will have the same rights to contribution as the Company, subject in each case to the provisions hereof. Any party entitled to contribution, promptly after receipt of notice of commencement of any action against such party in respect of which a claim for contribution may be made under this Section 9.3(b), will notify any such party or parties from whom contribution may be sought, but the omission to so notify will not relieve that party or parties from whom contribution may be sought from any other obligation it or they may have under this Section 9.3(b) except to the extent that the failure to so notify such other party materially prejudiced the substantive rights or defenses of the party from whom contribution is sought. No party will be liable for contribution with respect to any action or claim settled without its written consent if such consent is required pursuant to Section 9.3(a) hereof.

(c) The Company Party shall provide equivalent notice to the Investor in the case the Company seeks indemnification or contribution from the Investor pursuant to Section 9.2.

The remedies provided for in this Article IX are not exclusive and shall not limit any rights or remedies which may otherwise be available to any Investor Party at law or in equity.

**ARTICLE X
MISCELLANEOUS**

Section 10.1. Certain Fees and Expenses; Upfront Commitment Fee; Commencement Irrevocable Transfer Agent Instructions.

(i) **Certain Fees and Expenses.** Each party shall bear its own fees and expenses related to the transactions contemplated by this Agreement, except that the Company will reimburse the fees and disbursements of legal counsel to the Investor in connection with the entry into this Agreement and per fiscal quarter in connection with the Investor's ongoing due diligence and review of deliverables subject to Section 6.15. The Company shall pay all U.S. federal, state and local stamp and other similar transfer and other taxes (other than income taxes) and duties levied in connection with issuance of the Shares pursuant hereto.

(ii) **Upfront Commitment Fee.** In consideration for the Investor's execution and delivery of this Agreement on or prior to the end of the Trading Day following the execution of this Agreement, the Company shall pay to the Investor the Upfront Commitment Fee in the form of the Commitment Fee Warrant. For the avoidance of doubt, the entire amount of the Upfront Commitment Fee shall be fully earned by the Investor and shall be non-refundable as of the Upfront Determination Date, regardless of whether any VWAP Purchases are made or settled hereunder or any subsequent termination of this Agreement.

(iii) **Irrevocable Transfer Agent Instructions; Opinion of Counsel.** On the Effective Date of the Initial Registration Statement and prior to Commencement, the Company shall deliver or cause to be delivered to its Transfer Agent (and thereafter, shall deliver or cause to be delivered to any subsequent transfer agent of the Company), (i) irrevocable instructions executed by the Company and delivered to the Company's transfer agent (the "***Commencement Irrevocable Transfer Agent Instructions***") directing the Transfer Agent to issue to the Investor or its respective designated Broker-Dealer at which the account or accounts to be credited with the Shares being purchased by the Investor are maintained any Registrable Securities included in the Initial Registration Statement as DWAC Shares, if and when such Registrable Securities are issued in accordance with this Agreement and (ii) an opinion of Company Counsel as contemplated by this Agreement relating to the Initial Registration Statement and the removal of restrictive legends from the Shares. With respect to any post-effective amendment to the Initial Registration Statement, any New Registration Statement or any post-effective amendment to any New Registration Statement, in each case declared effective by the Commission after the Commencement Date, the Company shall deliver or cause to be delivered to its Transfer Agent (and thereafter, shall deliver or cause to be delivered to any subsequent transfer agent of the Company) (i) irrevocable instructions in the form substantially similar to the Commencement Irrevocable Transfer Agent Instructions executed by the Company and acknowledged in writing by the Transfer Agent and (ii) an opinion of United States Counsel, in each case modified as necessary to refer to such Registration Statement or post-effective amendment and the Registrable Securities included therein, to issue the Registrable Securities included therein as DWAC Shares in accordance with the terms of this Agreement. For the avoidance of doubt, all Shares to be issued in respect of any VWAP Purchase Notice delivered to the Investor pursuant to this Agreement shall be issued to the Investor in accordance with Section 3.2 by crediting the Investor's accounts at DTC as DWAC Shares, and the Company shall not take any action or give instructions to any transfer agent of the Company otherwise. The Company represents and warrants to the Investor that, while this Agreement is effective, no instruction other than those referred to in this Section 10.1(iii) will be given by the Company to its Transfer Agent, or any successor transfer agent of the Company, with respect to the Shares from and after Commencement, and the Registrable Securities covered by the Initial Registration Statement or any post-effective amendment thereof, or any New Registration Statement or post-effective amendment thereof, as applicable, shall otherwise be freely transferable on the books and records of the Company and no stop transfer instructions shall be maintained against the transfer thereof. The Company agrees that if the Company fails to fully comply with the provisions of this Section 10.1(iii) within three (3) Trading Days after the date on which the Investor has provided any deliverables that the Investor may be required to provide to the Company or its Transfer Agent (if any), the Company shall, at the Investor's written instruction, purchase from the Investor all Common Shares purchased or acquired by the Investor pursuant to this Agreement that contain any restrictive legend or that have any stop transfer orders maintained that prohibit or impede the transfer thereof in any respect at the greater of (i) the purchase price paid by the Investor for such Common Shares (as applicable) and (ii) the Closing Sale Price of the Common Shares on the date of the Investor's written instruction.

Section 10.2. Specific Enforcement, Consent to Jurisdiction, Waiver of Jury Trial.

(i) The Company and the Investor acknowledge and agree that irreparable damage would occur in the event that any of the provisions of this Agreement were not performed in accordance with their specific terms or were otherwise breached. It is accordingly agreed that either party shall be entitled to an injunction or injunctions to prevent or cure breaches of the provisions of this Agreement by the other party and to enforce specifically the terms and provisions hereof (without the necessity of showing economic loss and without any bond or other security being required), this being in addition to any other remedy to which either party may be entitled by law or equity.

(ii) Each of the Company and the Investor (a) hereby irrevocably submits to the jurisdiction of the U.S. District Court and other courts of the United States or of the State of New York sitting in the State of New York, County of New York for the purposes of any suit, action or proceeding arising out of or relating to this Agreement, and (b) hereby waives, and agrees not to assert in any such suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of such court, that the suit, action or proceeding is brought in an inconvenient forum or that the venue of the suit, action or proceeding is improper. Each of the Company and the Investor consents to process being served in any such suit, action or proceeding by mailing a copy thereof to such party at the address in effect for notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing in this Section 10.2 shall affect or limit any right to serve process in any other manner permitted by law.

(iii) EACH OF THE COMPANY AND THE INVESTOR HEREBY WAIVES TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY RIGHT IT MAY HAVE TO A TRIAL BY JURY IN RESPECT TO ANY LITIGATION DIRECTLY OR INDIRECTLY ARISING OUT OF, UNDER OR IN CONNECTION WITH THIS AGREEMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY OR DISPUTES RELATING HERETO. EACH OF THE COMPANY AND THE INVESTOR (A) CERTIFIES THAT NO REPRESENTATIVE, AGENT OR ATTORNEY OF ANY OTHER PARTY HAS REPRESENTED, EXPRESSLY OR OTHERWISE, THAT SUCH OTHER PARTY WOULD NOT, IN THE EVENT OF LITIGATION, SEEK TO ENFORCE THE FOREGOING WAIVER AND (B) ACKNOWLEDGES THAT IT AND THE OTHER PARTIES HERETO HAVE BEEN TO ENTER INTO THIS AGREEMENT BY, AMONG OTHER THINGS, THE MUTUAL WAIVERS AND CERTIFICATIONS IN THIS SECTION 10.2.

(iv) The prevailing party in any litigation between the Investor, on the one hand, and the Company, on the other hand, shall be entitled to their respective legal fees and expenses incurred in such litigation, including the costs of any appeal and costs of collection of any judgment.

Section 10.3. Entire Agreement. The Transaction Documents set forth the entire agreement and understanding of the parties with respect to the subject matter hereof and supersede all prior and contemporaneous agreements, negotiations and understandings between the parties, both oral and written, with respect to such matters. There are no promises, undertakings, representations or warranties by either party relative to subject matter hereof not expressly set forth in the Transaction Documents. All exhibits to this Agreement are hereby incorporated by reference in, and made a part of, this Agreement as if set forth in full herein.

Section 10.4. Notices. Any notice, demand, request, waiver or other communication required or permitted to be given hereunder shall be in writing and shall be effective (a) upon hand delivery or electronic mail delivery at the address or number designated below (if delivered on a business day during normal business hours where such notice is to be received), or the first business day following such delivery (if delivered other than on a business day during normal business hours where such notice is to be received) or (b) on the second business day following the date of mailing by express courier service, fully prepaid, addressed to such address, or upon actual receipt of such mailing, whichever shall first occur. The address for such communications shall be:

If to the Company:

Nuvve Holding Corp.
2488 Historic Decatur Road
Ste. 230
San Diego, California, 92106
Attn: David Robson, Chief Financial Officer
drobson@nuvve.com

with a copy (which shall not constitute notice) to:

Alan A. Lanis, Jr.
Baker & Hostetler LLP
jrlanis@bakerlaw.com

If to the Investor:

Five Narrow Lane, L.P.
510 Madison Avenue, 14th Floor
New York, NY 10003
backoffice@lhxcorp.com

Either party hereto may from time to time change its address for notices by giving at least five (5) days' advance written notice of such changed address to the other party hereto.

Section 10.5. Waivers. No provision of this Agreement may be waived other than in a written instrument signed by the party against whom enforcement of such waiver is sought. No failure or delay in the exercise of any power, right or privilege hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any such power, right or privilege preclude other or further exercises thereof or of any other right, power or privilege.

Section 10.6. Amendments. No provision of this Agreement may be amended by the parties from and after the date that is one (1) Trading Day immediately preceding the filing of the Initial Registration Statement with the Commission. Subject to the immediately preceding sentence, no provision of this Agreement may be amended other than by a written instrument signed by all parties hereto.

Section 10.7. Headings. The article, section and subsection headings in this Agreement are for convenience only and shall not constitute a part of this Agreement for any other purpose and shall not be deemed to limit or affect any of the provisions hereof. Unless the context clearly indicates otherwise, each pronoun herein shall be deemed to include the masculine, feminine, neuter, singular and plural forms thereof. The terms "including," "includes," "include" and words of like import shall be construed broadly as if followed by the words "without limitation." The terms "herein," "hereunder," "hereof" and words of like import refer to this entire Agreement instead of just the provision in which they are found.

Section 10.8. Construction. The parties agree that each of them and their respective counsel has reviewed and had an opportunity to revise the Transaction Documents and, therefore, the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of the Transaction Documents. In addition, each and every reference to share prices (including the Threshold Price) and number of Common Shares in any Transaction Document shall, in all cases, be subject to adjustment for any stock splits, stock combinations, stock dividends, recapitalizations, reorganizations and other similar transactions that occur on or after the date of this Agreement. Any reference in this Agreement to “Dollars” or “\$” shall mean the lawful currency of the United States of America. Any references to “Section” or “Article” in this Agreement shall, unless otherwise expressly stated herein, refer to the applicable Section or Article of this Agreement.

Section 10.9. Binding Effect. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors. Neither the Company nor the Investor may assign this Agreement or any of their respective rights or obligations hereunder to any Person.

Section 10.10. No Third Party Beneficiaries. Except as expressly provided in Article IX, this Agreement is intended only for the benefit of the parties hereto and their respective successors, and is not for the benefit of, nor may any provision hereof be enforced by, any other Person; provided, that the Investor may assign its obligations and rights under the Transaction Documents to an Affiliate upon notice to the Company.

Section 10.11. Governing Law. This Agreement shall be governed by and construed in accordance with the internal procedural and substantive laws of the State of New York, without giving effect to the choice of law provisions of such state that would cause the application of the laws of any other jurisdiction.

Section 10.12. Survival. The representations, warranties, covenants and agreements of the Company and the Investor contained in this Agreement shall survive the execution and delivery hereof until the termination of this Agreement; provided, however, that (i) the provisions of Section 6.3, Article VIII (Termination), Article IX (Indemnification) and this Article X (Miscellaneous) shall remain in full force and effect indefinitely notwithstanding such termination, and, (ii) so long as the Investor owns any Shares, the covenants and agreements of the Company and the Investor contained in Article VI (Additional Covenants), shall remain in full force and effect notwithstanding such termination for a period of thirty (30) days following such termination.

Section 10.13. Counterparts. This Agreement may be executed in two or more identical counterparts, all of which shall be considered one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to the other party; provided that a facsimile signature or signature delivered by e-mail in a “.pdf” format data file, including any electronic signature complying with the U.S. federal ESIGN Act of 2000, e.g., www.docusign.com, www.echosign.adobe.com, etc., shall be considered due execution and shall be binding upon the signatory thereto with the same force and effect as if the signature were an original signature.

Section 10.14. Publicity. The Company shall afford the Investor and its counsel with a reasonable opportunity to review and comment upon, shall consult with the Investor and its counsel on the form and substance of, and shall give due consideration to all such comments from the Investor or its counsel on, any press release, Commission filing or any other public disclosure made by or on behalf of the Company relating to the Investor, its purchases hereunder or any aspect of the Transaction Documents or the transactions contemplated thereby, prior to the issuance, filing or public disclosure thereof. For the avoidance of doubt, the Company shall not be required to submit for review any such disclosure (i) contained in periodic reports filed with the Commission under the Exchange Act if it shall have previously provided the same disclosure to the Investor or its counsel for review in connection with a previous filing or (ii) any Prospectus Supplement if it contains disclosure that does not reference the Investor, its purchases hereunder or any aspect of the Transaction Documents or the transactions contemplated thereby.

Section 10.15. Severability. The provisions of this Agreement are severable and, in the event that any court of competent jurisdiction shall determine that any one or more of the provisions or part of the provisions contained in this Agreement shall, for any reason, be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision or part of a provision of this Agreement, and this Agreement shall be reformed and construed as if such invalid or illegal or unenforceable provision, or part of such provision, had never been contained herein, so that such provisions would be valid, legal and enforceable to the maximum extent possible.

Section 10.16. Further Assurances. From and after the Closing Date, upon the request of the Investor or the Company, each of the Company and the Investor shall execute and deliver such instrument, documents and other writings as may be reasonably necessary or desirable to confirm and carry out and to effectuate fully the intent and purposes of this Agreement.

Section 10.18. Currency Provisions. The obligations of the Company pursuant to this Agreement in respect of any sum due to the Investor shall, notwithstanding any judgment in a currency other than United States dollars, not be discharged until the first Trading Day, following receipt by the Investor of any sum adjudged to be so due in such other currency, on which the Investor may in accordance with normal banking procedures purchase United States dollars with such other currency. If the United States dollars so purchased are less than the sum originally due to the Investor in United States dollars hereunder, the Company agrees as a separate obligation and notwithstanding any such judgment, to indemnify the Investor against such loss. If the United States dollars so purchased are greater than the sum originally due to the Investor, the Investor agrees to pay to the Company an amount equal to the excess of the dollars so purchased over the sum originally due to the Investor hereunder. All payments made by the Company under this Agreement shall be made free and clear of any withholding or deduction for or on account of any present or future taxes, duties, assessments or governmental charges of whatever nature (including any amounts that result from the payment of fees, compensation or reimbursement of costs contemplated by this Agreement) imposed or levied by or on behalf of the United States or by any department, agency or other political subdivision or any taxing authority thereof or therein, and all interest, penalties or similar liabilities with respect thereto (collectively, "Taxes"), unless such deduction or withholding is required by law. If any Taxes are required by law to be deducted or withheld by the Company in connection with such payment, the Company will increase the amount to be paid to the Investor so that the full amount of such payment is received by the Investor, provided that the Company will not be required to pay any such additional amounts to the extent that the obligation to withhold or deduct any amounts arises as a result of any present or former connection between the Investor and the relevant jurisdiction other than any such connection arising solely as a result of the transaction described in this Agreement.

[Signature Page to Common Share Purchase Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed by their respective authorized officer as of the date first above written.

Nuvve Holding Corp.

By: _____
Name:
Title:

[Investor]
By:

By: _____
Name:
Title:

[Signature Page to Common Share Purchase Agreement]

**ANNEX I TO THE
COMMON SHARES PURCHASE AGREEMENT**

DEFINITIONS

“**Accountant**” shall have the meaning assigned to such term in Section 5.7(c) of this Agreement.

“**Affiliate**” shall mean any Person that, directly or indirectly through one or more intermediaries, controls, is controlled by, or is under common control with a Person, as such terms are used in and construed under Rule 144.

“**Aggregate Limit**” shall have the meaning assigned to such term in Section 2.1 of this Agreement.

“**Agreement**” shall have the meaning assigned to such term in the introductory paragraph hereto.

“**Allowable Grace Period**” shall have the meaning assigned to such term in Section 6.3(vi)(m) of this Agreement.

“**Announcement Report**” shall have the meaning assigned to such term in Section 2.3 of this Agreement.

“**Anti-Corruption Laws**” shall have the meaning assigned to such term in Section 5.21.

“**Applicable Laws**” shall have the meaning assigned to such term in Section 5.14 of this Agreement.

“**Authorizations**” shall have the meaning assigned to such term in Section 5.14 of this Agreement.

“**Bankruptcy Law**” shall mean Title 11, U.S. Code, or any similar U.S. federal or state law for the relief of debtors.

“**Beneficial Ownership Limitation**” shall have the meaning assigned to such term in Section 3.4 of this Agreement.

“**Block**” shall mean any trade in excess of 10,000 Common Shares on a single Trading Day to a single purchaser, as reported by Bloomberg through its “AQR” function.

“**Bloomberg**” shall mean Bloomberg, L.P.

“**Broker-Dealer**” shall have the meaning assigned to such term in Section 6.12 of this Agreement.

“**Bring-Down Opinion**” shall have the meaning assigned to such term in Section 6.14 of this Agreement.

“**CCPA**” shall have the meaning assigned to such term in Section 5.38(a) of this Agreement.

“**Closing**” shall have the meaning assigned to such term in Section 2.2 of this Agreement.

“**Closing Date**” shall mean the date of this Agreement.

“**Closing Sale Price**” shall mean, for the Common Shares as of any date, the last closing trade price for the Common Shares on the Principal Market, as reported by Bloomberg, or, if the Principal Market begins to operate on an extended hours basis and does not designate the closing trade price for the Common Shares, then the last trade price for the Common Shares prior to 4:00 p.m., New York City time, as reported by Bloomberg. All such determinations shall be appropriately adjusted for any stock splits, stock dividends, stock combinations, recapitalizations or other similar transactions during such period.

“**Code**” shall have the meaning assigned to such term in Section 5.28 of this Agreement.

“**Commencement**” shall have the meaning assigned to such term in the recitals of this Agreement.

“**Commencement Date**” shall have the meaning assigned to such term in Section 3.1 of this Agreement.

“**Commencement Irrevocable Transfer Agent Instructions**” shall have the meaning assigned to such term in Section 10.1(iii) of this Agreement.

“**Commission**” shall mean the U.S. Securities and Exchange Commission or any successor entity.

“**Commission Documents**” shall mean the Initial Registration Statement (or any post-effective amendment thereto), any New Registration Statement (or any post-effective amendment thereto) and all documents that have been and heretofore shall be incorporated by reference therein, including all reports, schedules, registrations, forms, statements, information and other documents filed with or furnished to the Commission by the Company pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act if applicable, any Prospectus contained in the Initial Registration Statement or New Registration Statement and each Prospectus Supplement thereto.

“**Common Shares**” shall have the meaning assigned to such term in the recitals of this Agreement.

“**Common Shares Equivalents**” shall mean any securities of the Company or its Subsidiaries which entitle the holder thereof to acquire at any time Common Shares, including, without limitation, any debt, preferred stock, rights, options, warrants or other instrument that is at any time convertible into or exercisable or exchangeable for, or otherwise entitles the holder thereof to receive, Common Shares.

“**Company**” shall have the meaning assigned to such term in the introductory paragraph of this Agreement.

“**Company Counsel**” means [].

“**Company Party**” shall have the meaning assigned to such term in Section 9.2 of this Agreement.

“**Compliance Certificate**” shall have the meaning assigned to such term in Section 7.1(iv) of this Agreement.

“**Confidential Data**” shall have the meaning assigned to such term in Section 5.38(a) of this Agreement.

“**Custodian**” shall mean any receiver, trustee, assignee, liquidator or similar official under any Bankruptcy Law.

“**Damages**” shall have the meaning assigned to such term in Section 9.1 of this Agreement.

“**DTC**” shall mean The Depository Trust Company, a subsidiary of The Depository Trust & Clearing Corporation, or any successor thereto.

“**DWAC**” shall have the meaning assigned to such term in Section 5.36 of this Agreement.

“**DWAC Shares**” shall mean Common Shares issued pursuant to this Agreement that are (i) issued in electronic form, (ii) freely tradable and transferable and without restriction on resale and without stop transfer instructions maintained against the transfer thereof and (iii) timely credited by the Company to the Investor’s or its designated Broker-Dealer at which the account or accounts to be credited with the Shares being purchased by Investor are maintained specified DWAC account with DTC under its Fast Automated Securities Transfer (FAST) Program, or any similar program hereafter adopted by DTC performing substantially the same function.

“**EDGAR**” means the Commission’s Electronic Data Gathering, Analysis and Retrieval System.

“**Effective Date**” shall mean, with respect to the Initial Registration Statement filed pursuant to this Agreement (or any post-effective amendment thereto) or any New Registration Statement filed pursuant to this Agreement (or any post-effective amendment thereto), as applicable, the date on which the Initial Registration Statement (or any post-effective amendment thereto) or any New Registration Statement (or any post-effective amendment thereto) is declared effective by the Commission.

“**Emerging Growth Company**” shall have the meaning assigned to such term in Section 5.42 of this Agreement.

“**Entity**” shall have the meaning assigned to such term in Section 5.76 of this Agreement.

“**Environmental Laws**” shall have the meaning assigned to such term in Section 5.20 of this Agreement.

“**Exchange Act**” shall mean the Securities Exchange Act of 1934, as amended, and the rules and regulations of the Commission thereunder.

“**Exchange Cap**” shall have the meaning assigned to such term in Section 3.3 of this Agreement.

“**Exchange Cap Allocation**” shall mean that no Investor or purchaser in the Private Placement shall be issued in the aggregate, upon VWAP Purchase, conversion or exercise (as the case may be) of any Preferred Stock or Common Warrants (each as defined below), Common Shares in an amount greater than the Exchange Cap.

“**FINRA**” shall mean the Financial Industry Regulatory Authority.

“**Fundamental Transaction**” shall mean that (i) the Company shall, directly or indirectly, in one or more related transactions, (1) consolidate or merge with or into (whether or not the Company is the surviving corporation) another Person, with the result that the holders of the Company’s capital stock immediately prior to such consolidation or merger together beneficially own less than 50% of the outstanding voting power of the surviving or resulting corporation, or (2) sell, lease, license, assign, transfer, convey or otherwise dispose of all or substantially all of the properties or assets of the Company to another Person, or (3) take action to facilitate a purchase, tender or exchange offer by another Person that is accepted by the holders of more than 50% of the outstanding Common Shares (excluding any Common Shares held by the Person or Persons making or party to, or associated or affiliated with the Persons making or party to, such purchase, tender or exchange offer), or (4) consummate a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person whereby such other Person acquires more than 50% of the outstanding Common Shares (not including any Common Shares held by the other Person or other Persons making or party to, or associated or affiliated with the other Persons making or party to, such stock or share purchase agreement or other business combination), or (5) reorganize, recapitalize or reclassify its Common Shares, or (ii) any “person” or “group” (as these terms are used for purposes of Sections 13(d) and 14(d) of the Exchange Act) is or shall become the “beneficial owner” (as defined in Rule 13d-3 under the Exchange Act), directly or indirectly, of 50% of the aggregate ordinary voting power represented by issued and outstanding Common Shares.

“**GAAP**” shall have the meaning assigned to such term in Section 5.7(b) of this Agreement.

“**GDPR**” shall have the meaning assigned to such term in Section 5.38(a) of this Agreement.

“**Governmental Authority**” shall mean (i) any federal, provincial, state, local, municipal, national or international government or governmental authority, regulatory or administrative agency, governmental commission, department, board, bureau, agency or instrumentality, court, tribunal, arbitrator or arbitral body (public or private); (ii) any self-regulatory organization; or (iii) any political subdivision of any of the foregoing.

“**Hazardous Materials**” shall have the meaning assigned to such term in Section 5.20 of this Agreement.

“**Initial Registration Statement**” shall have the meaning assigned to such term in Section 6.3(i) of this Agreement.

“**Investment Period**” shall mean the period commencing on the Effective Date of the Initial Registration Statement and expiring on the date this Agreement is terminated pursuant to Article VIII.

“**Investor**” shall have the meaning assigned to such term in the introductory paragraph of this Agreement.

“**Investor Party**” shall have the meaning assigned to such term in Section 9.1 of this Agreement.

“**IT Systems**” shall have the meaning assigned to such term in Section 5.38(a) of this Agreement.

“**Legal Counsel**” shall have the meaning assigned to such term in Section 6.3(ii) of this Agreement.

“**Minimum Price**” means the minimum price as defined by the listing rules of the Nasdaq Stock Market, Inc.

“**Money Laundering Laws**” shall have the meaning assigned to such term in Section 5.20 of this Agreement.

“**New Registration Statement**” shall have the meaning assigned to such term in Section 6.3(iii) of this Agreement.

“**OFAC**” shall have the meaning assigned to such term in Section 5.37 of this Agreement.

“**Post-Effective Amendment Period**” shall mean the period commencing at 9:30 a.m., New York City time, on the fifth (5th) Trading Day immediately prior to the filing of any post-effective amendment to the Initial Registration Statement or any New Registration Statement, and ending at 9:30 a.m., New York City time, on the Trading Day immediately following, the Effective Date of such post-effective amendment.

“**Permits**” shall have the meaning assigned to such term in Section 5.19 of this Agreement.

“**Person**” shall mean any person or entity, whether a natural person, trustee, corporation, partnership, limited partnership, limited liability company, trust, unincorporated organization, business association, firm, joint venture, governmental agency or authority.

“**Personal Data**” shall have the meaning assigned to such term in Section 5.38(a) of this Agreement.

“**Policies**” shall have the meaning assigned to such term in Section 5.38(b) of this Agreement.

“**Principal Market**” shall mean the Nasdaq Capital Market; provided however, that in the event the Company’s Common Shares are ever listed or traded on the New York Stock Exchange, the NYSE American, the Nasdaq Global Select Market, or the Nasdaq Global Market, then the “Principal Market” shall mean such other market or exchange on which the Company’s Common Shares are then listed or traded.

“**Privacy Laws**” shall have the meaning assigned to such term in Section 5.38(a) of this Agreement.

“**Private Placement**” shall mean the issuance and sale by the Company pursuant to that certain Securities Purchase Agreement, dated [], 2025, between the Company and each purchaser identified on the signature pages thereto.

“**Prospectus**” shall mean the prospectus in the form included in a Registration Statement, as supplemented from time to time by any Prospectus Supplement, including the documents incorporated by reference therein.

“**Prospectus Supplement**” shall mean any prospectus supplement to the Prospectus filed with the Commission from time to time pursuant to Rule 424(b) under the Securities Act, including the documents incorporated by reference therein.

“**Registrable Securities**” means all of (i) the Shares and (ii) any capital stock of the Company issued or issuable with respect to such Shares, including, without limitation, (1) as a result of any stock split, stock dividend, recapitalization, exchange or similar event or otherwise and (2) shares of capital stock of the Company into which the Common Shares are converted or exchanged and shares of capital stock of a successor entity into which the Common Shares are converted or exchanged, in each case until such time as such securities cease to be Registrable Securities. Any Registrable Security shall cease to be a “Registrable Security” at the earliest of the following: (i) when a Registration Statement covering such Registrable Security becomes or has been declared effective by the Commission and such Registrable Security has been sold or disposed of pursuant to such effective Registration Statement; (ii) when such Registrable Security is held by the Company or one of its Subsidiaries; and (iii) the date that is the first (1st) anniversary of the date of termination of the Purchase Agreement.

“**Registration Period**” shall have the meaning assigned to such term in Section 6.3(vi)(a) of this Agreement.

“**Regulation D**” shall have the meaning assigned to such term in the recitals of this Agreement.

“**Restricted Period**” shall have the meaning assigned to such term in Section 6.8 of this Agreement.

“**Restricted Person(s)**” shall have the meaning assigned to such term in Section 6.8 of this Agreement.

“**Rule 144**” shall mean Rule 144 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same effect.

“**Sale Price**” shall mean any trade price for the Common Shares on the Principal Market during normal trading hours, as reported by the Principal Market.

“**Sanctions**” shall have the meaning assigned to such term in Section 5.37 of this Agreement.

“**Sanctioned Countries**” shall have the meaning assigned to such term in Section 5.37 of this Agreement.

“**Sarbanes-Oxley Act**” shall have the meaning assigned to such term in Section 5.7(c) of this Agreement.

“**SEC**” shall mean the U.S. Securities and Exchange Commission.

“**Section 4(a)(2)**” shall have the meaning assigned to such term in the recitals of this Agreement.

“**Securities Act**” shall mean the Securities Act of 1933, as amended, and the rules and regulations of the Commission thereunder.

“**Share Cap**” shall have the meaning assigned to such term in Section 5.5 of this Agreement.

“**Shares**” shall mean the Common Shares that are and/or may be purchased by the Investor under this Agreement pursuant to one or more VWAP Purchase Notices.

“**Short Sales**” shall mean “short sales” as defined in Rule 200 promulgated under Regulation SHO under the Exchange Act.

“**Staff**” shall have the meaning assigned to such term in Section 6.3(iii) of this Agreement.

“**Subsidiary**” shall mean any corporation or other entity of which at least a majority of the securities or other ownership interest having ordinary voting power for the election of directors or other persons performing similar functions are at the time owned directly or indirectly by the Company and/or any of its other Subsidiaries.

“**Threshold Price**” shall mean with respect to any particular VWAP Purchase Notice, \$1.00.

“**Total Commitment**” shall have the meaning assigned to such term in Section 2.1 of this Agreement.

“**Trading Day**” shall mean any day on which the Principal Market or, if the Common Shares is then listed on an Principal Market, such Principal Market is open for trading (regular way), including any day on which the Principal Market (or such Principal Market, as applicable) is open for trading (regular way) for a period of time less than the customary time.

“**Transaction Documents**” shall mean, collectively, this Agreement (as qualified by the Commission Documents) and the exhibits hereto and each of the other agreements, documents, certificates and instruments entered into or furnished by the parties hereto in connection with the transactions contemplated hereby and thereby.

“**Transfer Agent**” shall mean Continental Stock Transfer & Trust Company, the sole transfer agent and branch registrar of the Company or any successor thereto.

“**Upfront Commitment Fee**” shall mean a pre-funded warrant to purchase []¹ Common Shares.

“**Upfront Determination Date**” shall mean the last Trading Day prior to the date of this Agreement.

¹ NTD: Number of shares equal to 2% of the of the Aggregate Commitment Amount calculated at the Minimum Price under the rules of Nasdaq

“Variable Rate Transaction” shall mean a transaction in which the Company (i) issues or sells any equity or debt securities that are convertible into, exchangeable or exercisable for, or include the right to receive additional Common Shares or Common Shares Equivalents either (A) at a conversion price, exercise price, exchange rate or other price that is based upon and/or varies with the trading prices of or quotations for the Common Shares at any time after the initial issuance of such equity or debt securities, or (B) with a conversion, exercise or exchange price that is subject to being reset at some future date after the initial issuance of such equity or debt security or upon the occurrence of specified or contingent events directly or indirectly related to the business of the Company or the market for the Common Shares (including, without limitation, any “full ratchet” or “weighted average” anti-dilution provisions, but not including any standard anti-dilution protection for any reorganization, recapitalization, non-cash dividend, stock split or other similar transaction), (ii) issues or sells any equity or debt securities, including without limitation, Common Shares or Common Shares Equivalents, either (A) at a price that is subject to being reset at some future date after the initial issuance of such debt or equity security or upon the occurrence of specified or contingent events directly or indirectly related to the business of the Company or the market for the Common Shares (other than standard anti-dilution protection for any reorganization, recapitalization, non-cash dividend, stock split or other similar transaction), or (B) that are subject to or contain any put, call, redemption, buy-back, price-reset or other similar provision or mechanism (including, without limitation, a “Black-Scholes” put or call right, other than in connection with a “fundamental transaction”) that provides for the issuance of additional equity securities of the Company or the payment of cash by the Company, or (iii) enters into any agreement, including, but not limited to, an “equity line of credit” or “at the market offering” or other continuous offering or similar offering of Common Shares or Common Shares Equivalents, whereby the Company may sell Common Shares or Common Shares Equivalents at a future determined price.

“VWAP” shall mean, for the Common Shares for a specified period, the dollar volume-weighted average price for the Common Shares as reported by Bloomberg through its “AQR” function. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination, recapitalization or other similar transaction during such period.

“VWAP Purchase” shall have the meaning assigned to such term in Section 3.1 of this Agreement.

“VWAP Purchase Amount” shall have the meaning assigned to such term in Section 3.2 of this Agreement.

“VWAP Purchase Condition Satisfaction Time” shall have the meaning assigned to such term in Section 7.2 of this Agreement.

“VWAP Purchase Confirmation” shall have the meaning assigned to such term in Section 3.1 of this Agreement.

“VWAP Purchase Commencement Time” shall mean, with respect to a VWAP Purchase made pursuant to Section 3.1, 4:00:01 a.m., New York City time, on the applicable VWAP Purchase Date, or such later time on such VWAP Purchase Date publicly announced by the Principal Market (or, if the Common Shares is then listed on an Principal Market, by such Principal Market) as the official open (or commencement) of pre-market trading on the Principal Market (or such Principal Market, as applicable) on such VWAP Purchase Date; *provided, however*, that if a VWAP Purchase Notice is delivered after 6:00 a.m., New York City time, on a VWAP Purchase Date, then the VWAP Purchase Commencement Time shall start only upon receipt by the Company of written confirmation (which may be by email) of acceptance by the Investor, and which confirmation shall specify the VWAP Purchase Commencement Time.

“**VWAP Purchase Date**” shall mean, with respect to a VWAP Purchase made pursuant to Section 3.1, the Trading Day on which the Investor receives, on such Trading Day, a valid VWAP Purchase Notice for such VWAP Purchase in accordance with this Agreement.

“**VWAP Purchase Maximum Share Percentage**” shall mean, with respect to a VWAP Purchase made pursuant to Section 3.1, the lesser of (i) the Beneficial Ownership Limitation and (ii) 30% of the trading volume of the Company’s Common Stock during the VWAP Purchase Period, unless mutually agreed in writing (which may be by email) between the Company and Investor prior to delivery of a VWAP Purchase Notice in respect of such VWAP Purchase.

“**VWAP Purchase Notice**” shall mean, with respect to a VWAP Purchase made pursuant to Section 3.1, an irrevocable written notice delivered by the Company to the Investor in the form set forth in Exhibit A hereto.

“**VWAP Purchase Period**” shall mean, with respect to a VWAP Purchase made pursuant to Section 3.1, the period on the applicable VWAP Purchase Date for such VWAP Purchase beginning at the applicable VWAP Purchase Commencement Time and ending at the applicable VWAP Purchase Termination Time.

“**VWAP Purchase Price**” shall mean the purchase price per Share to be purchased by the Investor in such VWAP Purchase on such VWAP Purchase Date equal to ninety three percent (93%) of the lesser of the (i) lowest sale price on the VWAP Purchase Date and (ii) the VWAP over the applicable VWAP Purchase Period on such VWAP Purchase Date for such VWAP Purchase. Notwithstanding anything herein to the contrary, in the case where the Sale Price falls below the Threshold Price at any time on a VWAP Purchase Date, the VWAP Purchase Price shall be calculated using the volume weighted average price of Common Shares as reported by Bloomberg through its “AQR” function sold during the portion of the applicable VWAP Purchase Period that the Sale Price is not below the Threshold Price, and, as applicable, using the Block with the lowest Sale Price that is not below the Threshold Price.

“**VWAP Purchase Share Amount**” shall mean, with respect to a VWAP Purchase made pursuant to Section 3.1, a number of Common Shares equal to the least of (i) a number of Common Shares which, when aggregated with all other Common Shares then beneficially owned by the Investor and its affiliates (as calculated pursuant to Section 13(d) of the Exchange Act and Rule 13d-3 promulgated thereunder), would result in the beneficial ownership by the Investor of more than the Beneficial Ownership Limitation; (ii) the VWAP Purchase Share Request; and (iii) the VWAP Purchase Share Estimate.

“**VWAP Purchase Share Delivery Date**” shall have the meaning assigned to such term in Section 3.2 of this Agreement.

“**VWAP Purchase Share Estimate**” shall mean the number of Common Shares set forth in any VWAP Purchase Notice, representing the Company’s good faith estimate of the number of Common Shares equivalent to the VWAP Purchase Share Request during the VWAP Purchase Period on any VWAP Purchase Date.

“**VWAP Purchase Share Request**” shall mean the number of Common Shares equal to (i) the total volume of Common Shares as reported by Bloomberg through its “AQR” function during the applicable VWAP Purchase Period (provided that in the case where the Sale Price falls below the Threshold Price at any time on a VWAP Purchase Date, this volume shall be calculated using the aggregate shares as reported by Bloomberg through its “AQR” function for such portion of the VWAP Purchase Date that the Sale Price is not below the Threshold Price) multiplied by (ii) the lesser of (A) the VWAP Purchase Share Request Percentage and (B) the VWAP Purchase Maximum Share Percentage.

“**VWAP Purchase Share Request Percentage**” shall mean the percentage set forth in any VWAP Purchase Notice.

“**VWAP Purchase Termination Time**” shall mean, with respect to a VWAP Purchase made pursuant to Section 3.1, 8:00 p.m., New York City time, on the applicable VWAP Purchase Date, or such earlier time publicly announced by the Principal Market (or, if the Common Shares is then listed on an Principal Market, by such Principal Market) as the official close of after-market trading on the Principal Market on such applicable VWAP Purchase Date.

Exhibit A

Form of VWAP Purchase Notice

Exhibit B

Form of Pre-Funded Warrant

Exhibit C

Selling Stockholder Notice and Questionnaire