

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): September 10, 2026

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, Ste 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	registered
Common Stock, Par Value \$0.0001 Per Share	NVVE	OTCQB Market

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.

Securities Purchase Agreement

On September 10, 2026, Nuvve Holding Corp. (the “Company”) entered into a Securities Purchase Agreement (the “Purchase Agreement”) with FirstFire Global Opportunities Fund, LLC (“Buyer”), pursuant to which the Company issued and sold to the Buyer a convertible promissory note in the principal amount of \$280,000 (the “Note”). The Note was issued with an original issue discount of \$30,000, resulting in a purchase price of \$250,000.

The Note bears interest at a rate of 12% per annum and matures on September 10, 2027. Commencing on the six-month anniversary of the issuance date, the Buyer may convert all or any portion of the outstanding principal amount and accrued interest under the Note into shares of the Company’s common stock, par value \$0.0001 per share (the “Common Stock”) at a conversion price equal to the lesser of: (i) \$1.40 per share, or (ii) 85% of the lowest trading price of the Common Stock during the ten trading days immediately preceding the applicable conversion date. The Buyer’s ability to convert the Note is subject to a beneficial ownership limitation of 4.99%. The Note contains customary events of default and related remedies, including an increase in the interest rate and the conversion discount upon the occurrence of an event of default. The shares issuable upon the conversion of the Note are subject to certain piggyback registration rights.

In connection with the Purchase Agreement and the Note, the Company delivered irrevocable instructions to its transfer agent to reserve shares of the Company’s common stock for issuance upon conversion of the Note (the “Irrevocable Transfer Agent Instructions”).

The foregoing descriptions of the Purchase Agreement, the Note and the Irrevocable Transfer Agent Instructions are not complete and are qualified in their entirety by reference to the full text of the Purchase Agreement, the Note and the Irrevocable Transfer Agent Instructions, copies of which are filed as Exhibits 10.1, 4.1 and 99.1 hereto, respectively.

Exchange Agreement

On September 10, 2026, the Company entered into a securities exchange and amendment agreement (the “Exchange Agreement”) with the holders (the “Holders”) of an aggregate of 2,238.655 shares (the “Existing Series A Shares”) of the Company’s Series A Preferred Stock, par value \$0.0001 per share (the “Series A Preferred Stock”), representing all of the Company’s outstanding Series A Preferred Stock. Pursuant to the Exchange Agreement, the Holders agreed to exchange their Existing Series A Shares for an aggregate of 2,238.655 shares of a newly designated Series C Convertible Preferred Stock, par value \$0.0001 per share (the “Series C Preferred Stock”) and stated value of \$1,000 per share (the “Stated Value”), in reliance on the exemption from registration provided by Section 3(a)(9) of the Securities Act of 1933, as amended (the “Securities Act”) (such transaction, the “Exchange”).

As previously disclosed, the Company entered into a registration rights agreement, dated November 14, 2025 (the “Registration Rights Agreement”), with the Holders, pursuant to which the Company agreed to certain registration rights with regards to the shares of Common Stock underlying the Existing Series A Shares. Pursuant to the Exchange Agreement, the Registration Rights Agreement shall be amended to provide that the shares of Common Stock issuable upon the conversion of any shares of Series C Preferred Stock shall be subject to the registration rights set forth in the Registration Rights Agreement.

The foregoing description of the Exchange Agreement is not complete and is qualified in its entirety by reference to the full text of the Exchange Agreement, a copy of which is filed as Exhibit 10.2 hereto.

Item 2.03. Creation of a Direct Financial Obligation or an Obligation Under an Off-Balance Sheet Arrangement of a Registrant.

The information set forth in Item 1.01 of this Current Report on Form 8-K is incorporated by reference into this Item 2.03.

Item 3.02. Unregistered Sales of Equity Securities.

The disclosure required by this Item and included in Item 1.01 of this Current Report on Form 8-K is incorporated herein by reference.

The Note and issuance of any shares of Common Stock upon the conversion thereof will be issued in reliance on the exemption from securities registration under Section 4(a)(2) of the Securities Act and Rule 506(b) under the Securities Act.

The issuance of the Series C Preferred Stock and any shares of Common Stock issuable upon the conversion thereof shall be issued in reliance on Section 3(a)(9) of the Securities Act and under Section 4(a)(2) and Rule 506(b) of the Securities Act.

Item 3.03. Material Modification to Rights of Security Holders.

To the extent required by Item 3.03 of Form 8-K, the information contained in Item 5.03 of this Current Report on Form 8-K is incorporated by reference into this Item 3.03.

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

On September 15, 2026, in connection with the Exchange Agreement, the Company filed a Certificate of Designation of Preferences, Rights and Limitations of Series C Convertible Preferred Stock (the “Certificate of Designation”) with the Secretary of State of Delaware. The Certificate of Designation designates 3,000 shares of the Company’s authorized preferred stock, par value \$0.0001 per share, as Series C Preferred Stock and sets forth the preferences, rights and limitations of the Series C Preferred Stock. The Certificate of Designation became effective upon filing.

Conversion. At any time and from time to time, a holder of shares of Series C Preferred Stock may, at its option, convert shares of Series C Preferred Stock into a number of shares of Common Stock, as is determined by (i) multiplying (x) the number of shares of Series C Preferred Stock to be converted by (y) the Stated Value thereof, and then (ii) dividing the result by the conversion price of \$1.40 per share (the “Conversion Price”), subject to certain conditions. The Conversion Price is subject to full ratchet antidilution protection and certain exceptions upon any subsequent transaction at a price lower than the Conversion Price then in effect and standard adjustments in the event of stock dividends, stock splits, combinations or similar events.

Dividends. Holders of the Series C Preferred Stock shall be entitled to receive cumulative dividends at the rate per share of 8% per annum, payable quarterly. Such dividends shall be payable, at the election of the Holder, in cash, shares of Common Stock, or any combination of cash and shares of Common Stock.

Voting. Except as otherwise required by law, the Series C Preferred Stock shall have no voting rights.

Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding-up of the Company (a “Liquidation”), the holders of Series C Preferred Stock will be entitled to receive out of the assets, whether capital or surplus, of the Company an amount equal to the Stated Value of each share of Series C Preferred Stock, plus any other fees or liquidated damages then due and owing thereon, before any distribution or payment shall be made to the holders of any securities junior to the Series C Preferred Stock.

Ranking. The Series C Preferred Stock ranks senior to all other shares of capital stock of the Company and any other class or series of preferred stock or other capital stock of the Company created after the effectiveness of the Certificate of Designation as to payment of dividends, distributions and payments upon the liquidation, dissolution and winding up of the Company. The Company shall not create a class or series of capital stock that is senior in rank or pari passu to the Series C Preferred Stock without the consent of the holders of a majority of the Series C Preferred Stock.

The foregoing description of the terms of the Certificate of Designation is not intended to be complete and is qualified in its entirety by reference to the full text of the Certificate of Designation, which is filed herewith as Exhibit 3.1 to this Current Report on Form 8-K and is incorporated by reference herein.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No.	Description
3.1	Certificate of Designation of Preferences, Rights and Limitations of Series C Convertible Preferred Stock
4.1	Promissory Note, dated September 10, 2026
10.1*	Securities Purchase Agreement, dated September 10, 2026, between Nuvve Holding Corp. and FirstFire Global Opportunities Fund, LLC
10.2*	Securities Exchange and Amendment Agreement, dated September 10, 2026, between Nuvve Holding Corp. and the holders named therein
99.1	Irrevocable Instruction Letter to Transfer Agent, dated September 10, 2026
104	Cover Page Interactive Data File - the cover page XBRL tags are embedded within the Inline XBRL document

* Certain of the exhibits and schedules to this exhibit have been omitted in accordance with Regulation S-K Item 601(a)(5). The Company agrees to furnish supplementally a copy of all omitted exhibits and schedules to the SEC upon its request.

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: September 16, 2026

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 C 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 from time to time in one or more series.
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 Exchange Agreement, up to 3,000 shares of Series C 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 Exchange Agreement and the Original Purchase Agreement, as applicable. 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.

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

“Exchange Agreement” means the Exchange Agreement, dated as of September 11, 2026, among the Corporation and the original Holders, as amended, modified or supplemented from time to time in accordance with its terms.

“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.

“Original Purchase Agreement” means that certain Securities Purchase Agreement, dated November 14, 2025, as amended, by and among the Company and investors named therein).

“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.

“Registration Rights Agreement” means the Registration Rights Agreement, dated November 14, 2024, as amended on or about the date of the Exchange Agreement, among the Corporation and the Holders.

“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.

“Subsidiary” means any subsidiary of the Corporation as set forth in Exhibit 21.1 to Corporation’s Annual Report on Form 10-K for the most recent fiscal year and shall, where applicable, also include any direct or indirect subsidiary of the Corporation formed or acquired after the date of the Exchange 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”), the OTCID Market (“OTCID”) or the OTCQX Best Market (“OTCQX”), or any successors to any of the foregoing.

“Transaction Documents” means this Certificate of Designation, the Exchange Agreement, 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 Exchange Agreement.

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

“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.

Section 2. Designation, Amount and Par Value; Ranking. The series of preferred stock shall be designated as its Series C Convertible Preferred Stock (the “Preferred Stock”) and the number of shares so designated shall be 3,000 (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 \$1.40, subject to adjustment herein (the “Conversion Price”) (subject to adjustment for reverse and forward stock splits, recapitalizations and similar transactions following the Original Issue Date).

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 Exchange 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.

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 Original 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 and Warrants) 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 4.99% 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.

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. Notwithstanding the foregoing, no adjustment will be made under this Section 7(b) in respect of an Exempt Issuance (as defined in the Original Purchase Agreement). If the Corporation enters into a Variable Rate Transaction, despite the prohibition set forth in the Original 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 Exchange 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 230, San Diego, California 92106, Attention: Gregory Poilasne, e-mail address gregory@nuvee.com, 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 Exchange 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 Exchange 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 C 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 15th day of September, 2026.

/s/ Gregory Poilasne

Name: Gregory Poilasne
Title: Chief Executive Officer

/s/ David Robson

Name: David Robson
Title: Secretary

ANNEX A
NOTICE OF CONVERSION

NEITHER THE ISSUANCE AND SALE OF THE SECURITIES REPRESENTED BY THIS CERTIFICATE NOR THE SECURITIES INTO WHICH THESE SECURITIES ARE CONVERTIBLE HAVE BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR APPLICABLE STATE SECURITIES LAWS. THE SECURITIES MAY NOT BE OFFERED FOR SALE, SOLD, TRANSFERRED OR ASSIGNED (I) IN THE ABSENCE OF (A) AN EFFECTIVE REGISTRATION STATEMENT FOR THE SECURITIES UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR (B) AN OPINION OF COUNSEL (WHICH MAY BE THE LEGAL COUNSEL OPINION (AS DEFINED IN THE PURCHASE AGREEMENT)), IN A GENERALLY ACCEPTABLE FORM, THAT REGISTRATION IS NOT REQUIRED UNDER SAID ACT OR (II) UNLESS SOLD PURSUANT TO RULE 144, RULE 144A OR REGULATION S UNDER SAID ACT OR OTHER APPLICABLE EXEMPTION. NOTWITHSTANDING THE FOREGOING, THE SECURITIES MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN OR FINANCING ARRANGEMENT SECURED BY THE SECURITIES.

Principal Amount: \$280,000.00

Issue Date: September 10, 2026

Actual Amount of Purchase Price: \$250,000.00

PROMISSORY NOTE

FOR VALUE RECEIVED, NUVVE HOLDING CORP., a Delaware corporation (hereinafter called the “Borrower” or the “Company”) (Trading Symbol: NVVE), hereby promises to pay to the order of **FIRSTFIRE GLOBAL OPPORTUNITIES FUND, LLC**, a Delaware limited liability company, or registered assigns (the “Holder”), in the form of lawful money of the United States of America, the principal sum of \$280,000.00 (the “Principal Amount”) (subject to adjustment herein), of which \$250,000.00 (the “Purchase Price”) is the actual amount of the purchase price hereof plus an original issue discount in the amount of \$30,000.00 (the “OID”), and to pay interest on the unpaid Principal Amount hereof at the rate of twelve percent (12%) (the “Interest Rate”) per annum from the date hereof (the “Issue Date”) until the same becomes due and payable, whether at maturity or upon acceleration or by prepayment or otherwise, as further provided herein, with the understanding that the first twelve months of interest under this Note (equal to \$33,600.00) shall be guaranteed and earned in full as of the Issue Date. The maturity date shall be twelve (12) months from the Issue Date (the “Maturity Date”), and is the date upon which the Principal Amount (which includes the OID) and any accrued and unpaid interest and other fees, shall be due and payable.

This Note may not be prepaid or repaid in whole or in part except as otherwise explicitly set forth herein.

Any Principal Amount or interest on this Note which is not paid when due shall bear interest at the rate of the lesser of (i) eighteen percent (18%) per annum and (ii) the maximum amount permitted by law from the due date thereof until the same is paid (“Default Interest”). Interest and Default Interest shall be computed on the basis of a 365-day year and the actual number of days elapsed.

All payments due hereunder (to the extent not converted into shares of common stock, \$0.0001 par value per share, of the Borrower (the “Common Stock”) in accordance with the terms hereof) shall be made in lawful money of the United States of America. All payments shall be made at such address as the Holder shall hereafter give to the Borrower by written notice made in accordance with the provisions of this Note. Whenever any amount expressed to be due by the terms of this Note is due on any day which is not a business day, the same shall instead be due on the next succeeding day which is a business day.

Each capitalized term used herein, and not otherwise defined, shall have the meaning ascribed thereto in that certain Securities Purchase Agreement, dated as of the Issue Date, pursuant to which this Note was originally issued (the “Purchase Agreement”). As used in this Note, the term “business day” shall mean any day other than a Saturday, Sunday or a day on which commercial banks in the city of New York, New York are authorized or required by law or executive order to remain closed. As used herein, the term “Trading Day” means any day that shares of Common Stock are listed for trading or quotation on the Principal Market (as defined in the Purchase Agreement), provided, however, that if the Common Stock is not then listed or quoted on any Principal Market, then any calendar day.

This Note is free from all taxes, liens, claims and encumbrances with respect to the issue thereof and shall not be subject to preemptive rights or other similar rights of shareholders of the Borrower, other than those that have already been waived or consented to as of the issuance of this Note, and will not impose personal liability upon the holder thereof.

The following terms shall also apply to this Note:

ARTICLE I. CONVERSION RIGHTS

1.1 Conversion Right. The Holder shall have the right, on any calendar day, at any time on or following the date that is six (6) calendar months after the Issue Date, to convert all or any portion of the then outstanding and unpaid Principal Amount and interest (including any Default Interest) into fully paid and non-assessable shares of Common Stock, as such Common Stock exists on the Issue Date, or any shares of capital stock or other securities of the Borrower into which such Common Stock shall hereafter be changed or reclassified, at the Conversion Price (as defined below) determined as provided herein (a “Conversion”), by submitting to the Borrower or Borrower’s transfer agent a Notice of Conversion (as defined in this Note) by facsimile, e-mail or other reasonable means of communication dispatched on the Conversion Date (as defined in this Note) prior to 11:59 p.m., New York, New York time; *provided, however*, that notwithstanding anything to the contrary contained herein, the Holder shall not have the right to convert any portion of this Note, pursuant to Section 1 or otherwise, to the extent that after giving effect to such issuance after conversion as set forth on the applicable Notice of Conversion, the Holder (together with the Holder’s affiliates (the “Affiliates”), and any other Persons (as defined below) 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 Attribution Parties shall include the number of shares of Common Stock issuable upon conversion of this Note 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) conversion of the remaining, nonconverted portion of this Note 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 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 1.1, beneficial ownership shall be calculated in accordance with Section 13(d) of the Securities Exchange Act of 1934, as amended (the “1934 Act”) and the rules and regulations promulgated thereunder, it being acknowledged by the Holder that the Holder is solely responsible for any schedules required to be filed in accordance therewith. In addition, a determination as to any group status as contemplated above shall be determined in accordance with Section 13(d) of the 1934 Act and the rules and regulations promulgated thereunder. For purposes of this Section 1.1, in determining the number of outstanding shares of Common Stock, the 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 the Holder, the Company shall within two Trading Days 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 Note, 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% of the number of shares of the Common Stock outstanding at the time of the respective calculation hereunder. “Person” and “Persons” means an individual, a limited liability company, a partnership, a joint venture, a corporation, a trust, an unincorporated organization, any other entity and any governmental entity or any department or agency thereof. The limitations contained in this paragraph shall apply to a successor holder of this Note. The number of Conversion Shares (as defined in the Purchase Agreement) (the “Conversion Shares”) to be issued upon each conversion of this Note shall be determined by dividing the Conversion Amount (as defined below) by the applicable Conversion Price then in effect on the date specified in the notice of conversion, in the form attached hereto as Exhibit A (the “Notice of Conversion”), delivered to the Borrower or Borrower’s transfer agent by the Holder in accordance with the terms of this Note; provided that the Notice of Conversion is submitted by facsimile or e-mail (or by other means resulting in, or reasonably expected to result in, notice) to the Borrower or Borrower’s transfer agent before 11:59 p.m., New York, New York time on such conversion date (the “Conversion Date”). The term “Conversion Amount” means, with respect to any conversion of this Note, the sum of (1) the Principal Amount of this Note to be converted in such conversion plus (2) at the Holder’s option, accrued and unpaid interest, if any, on such Principal Amount at the Interest Rate to the Conversion Date, plus (3) at the Holder’s option, Default Interest, if any, on the amounts referred to in the immediately preceding clauses (1) and/or (2).

1.2 Conversion Price.

(a) Calculation of Conversion Price. The per share conversion price into which Principal Amount and interest (including any Default Interest) under this Note shall be convertible into shares of Common Stock hereunder as further described in this Note (the “Conversion Price”) shall equal the lesser of (i) \$1.40 (as adjusted for any stock dividend, stock split, stock combination, rights offerings, reclassification or similar transaction that proportionately decreases or increases the Common Stock) or (ii) 85% of the lowest traded price of the Common Stock on the Principal Market on any Trading Day during the ten (10) Trading Days prior to the respective Conversion Date (the “Market Price”), subject to adjustment as provided in this Note, provided, however, that at all times on and after the occurrence of an Event of Default (as defined in this Note) under this Note, the Market Price shall instead mean 70% of the lowest traded price of the Common Stock on the Principal Market on any Trading Day during the twenty (20) Trading Days prior to the respective Conversion Date, subject to adjustment as provided in this Note. If at any time the Conversion Price as determined hereunder for any conversion would be less than the par value of the Common Stock, then at the sole discretion of the Holder, the Conversion Price hereunder may equal such par value for such conversion and the Conversion Amount for such conversion may be increased to include Additional Principal, where “Additional Principal” means such additional amount to be added to the Conversion Amount to the extent necessary to cause the number of conversion shares issuable upon such conversion to equal the same number of conversion shares as would have been issued had the Conversion Price not been adjusted by the Holder to the par value price. All such Conversion Price determinations are to be appropriately adjusted for any stock dividend, stock split, stock combination, rights offerings, reclassification or similar transaction that proportionately decreases or increases the Common Stock. If the Company, at any time while this Note 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 Common Stock Equivalents, (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 Company, 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 Company) 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 the immediately preceding sentence shall become effective immediately after the record date for the determination of shareholders 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. “Common Stock Equivalents” means any securities of the Company or the Company’s Subsidiaries (as defined in the Purchase Agreement) 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.

(b) Voluntary Adjustment By Company. Subject to the rules and regulations of the Principal Market, the Company may at any time while this Note is outstanding, with the prior written consent of the Holder, reduce the then applicable Conversion Price to any amount and for any period of time deemed appropriate by the Board of Directors of the Company. For the avoidance of doubt, the Holder shall not be required to effectuate such conversion in the event of any reduction in Conversion Price by the Company.

1.3 Authorized and Reserved Shares. The Borrower covenants that at all times until the Note is satisfied in full, the Borrower will reserve from its authorized and unissued Common Stock a sufficient number of shares, free from preemptive rights, to provide for the issuance of a number of Conversion Shares equal to the greater of: (a) 5,000,000 shares of Common Stock or (b) the sum of (i) the number of Conversion Shares issuable upon the full conversion of this Note (assuming no payment of Principal Amount or interest) at the then applicable Conversion Price multiplied by (ii) five (5) (the “Reserved Amount”). The Borrower represents that upon issuance, the Conversion Shares will be duly and validly issued, fully paid and non-assessable. The Borrower (i) acknowledges that it has irrevocably instructed its transfer agent to issue certificates for the Conversion Shares or instructions to have the Conversion Shares issued as contemplated by Section 1.4(f) hereof, and (ii) agrees that its issuance of this Note shall constitute full authority to its officers and agents who are charged with the duty of executing stock certificates or cause the Company to electronically issue shares of Common Stock to execute and issue the necessary certificates for the Conversion Shares or cause the Conversion Shares to be issued as contemplated by Section 1.4(f) hereof in accordance with the terms and conditions of this Note.

If, at any time, the Borrower does not maintain the Reserved Amount, it will be considered an Event of Default (as defined in this Note) under this Note.

1.4 Method of Conversion.

(a) [Intentionally Omitted].

(b) Surrender of Note Upon Conversion. Notwithstanding anything to the contrary set forth herein, upon conversion of this Note in accordance with the terms hereof, the Holder shall not be required to physically surrender this Note to the Borrower unless the entire unpaid Principal Amount is so converted. The Holder and the Borrower shall maintain records showing the Principal Amount so converted and the dates of such conversions or shall use such other method, reasonably satisfactory to the Holder and the Borrower, so as not to require physical surrender of this Note upon each such conversion. In the event of any dispute or discrepancy, such records of the Holder shall, *prima facie*, be controlling and determinative in the absence of manifest error. The Holder and any assignee, by acceptance of this Note, acknowledge and agree that, by reason of the provisions of this paragraph, following conversion of a portion of this Note, the unpaid and unconverted Principal Amount of this Note represented by this Note may be less than the amount stated on the face hereof.

(c) Payment of Taxes. The Borrower shall not be required to pay any tax which may be payable in respect of any transfer involved in the issue and delivery of shares of Common Stock or other securities or property on conversion of this Note in a name other than that of the Holder (or in street name), and the Borrower shall not be required to issue or deliver any such shares or other securities or property unless and until the person or persons (other than the Holder or the custodian in whose street name such shares are to be held for the Holder's account) requesting the issuance thereof shall have paid to the Borrower the amount of any such tax or shall have established to the satisfaction of the Borrower that such tax has been paid.

(d) Delivery of Common Stock Upon Conversion. Upon receipt by the Borrower or Borrower's transfer agent from the Holder of a facsimile transmission or e-mail (or other reasonable means of communication) of a Notice of Conversion meeting the requirements for conversion as provided in this Section 1.4, the Borrower shall issue and deliver or cause to be issued and delivered to or upon the order of the Holder certificates for the Conversion Shares (or cause the electronic delivery of the Conversion Shares as contemplated by Section 1.4(f) hereof) within one (1) Trading Day after such receipt (the "Deadline") (and, solely in the case of conversion of the entire unpaid Principal Amount and interest (including any Default Interest) under this Note, surrender of this Note). If the Company shall fail for any reason or for no reason to issue to the Holder on or prior to the Deadline a certificate for the number of Conversion Shares or to which the Holder is entitled hereunder and register such Conversion Shares on the Company's share register or to credit the Holder's balance account with DTC (as defined below) for such number of Conversion Shares to which the Holder is entitled upon the Holder's conversion of this Note (a "Conversion Failure"), then, in addition to all other remedies available to the Holder, (i) the Company shall pay in cash to the Holder on each day after the Deadline and during such Conversion Failure an amount equal to 2.0% of the product of (A) the sum of the number of Conversion Shares not issued to the Holder on or prior to the Deadline and to which the Holder is entitled and (B) the closing sale price of the Common Stock on the Trading Day immediately preceding the last possible date which the Company could have issued such Conversion Shares to the Holder without violating this Section 1.4(d); and (ii) the Holder, upon written notice to the Company, may void all or any portion of such Notice of Conversion; provided that the voiding of all or any portion of a Notice of Conversion shall not affect the Company's obligations to make any payments which have accrued prior to the date of such notice. In addition to the foregoing, if on or prior to the Deadline the Company shall fail to issue and deliver a certificate to the Holder and register such Conversion Shares on the Company's share register or credit the Holder's balance account with DTC for the number of Conversion Shares to which the Holder is entitled upon the Holder's exercise hereunder or pursuant to the Company's obligation pursuant to clause (ii) below, and if on or after such Trading Day the Holder purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Holder of shares of Common Stock issuable upon such exercise that the Holder anticipated receiving from the Company, then the Company shall, within two (2) Trading Days after the Holder's request and in the Holder's discretion, either (i) pay cash to the Holder in an amount equal to the Holder's total purchase price (including brokerage commissions and other reasonable and customary out-of-pocket expenses, if any) for the shares of Common Stock so purchased (the "Buy-In Price"), at which point the Company's obligation to deliver such certificate (and to issue such Conversion Shares) or credit such Holder's balance account with DTC for such Conversion Shares shall terminate, or (ii) promptly honor its obligation to deliver to the Holder a certificate or certificates representing such Conversion Shares or credit such Holder's balance account with DTC and pay cash to the Holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (A) such number of shares of Common Stock, times (B) the closing sales price of the Common Stock on the date of exercise. Nothing shall limit the 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 certificates representing the Conversion Shares (or to electronically deliver such Conversion Shares) upon the conversion of this Note as required pursuant to the terms hereof.

(e) Obligation of Borrower to Deliver Common Stock. At the time that the Holder submits the Notice of Conversion to the Borrower or Borrower's transfer agent, the Holder shall be deemed to be the holder of record of the Conversion Shares issuable upon such conversion, the outstanding Principal Amount and the amount of accrued and unpaid interest (including any Default Interest) under this Note shall be reduced to reflect such conversion, and, unless the Borrower defaults on its obligations under this Article I, all rights with respect to the portion of this Note being so converted shall forthwith terminate except the right to receive the Common Stock or other securities, cash or other assets, as herein provided, on such conversion. If the Holder shall have given a Notice of Conversion as provided herein, the Borrower's obligation to issue and deliver the certificates for the Conversion Shares (or cause the electronic delivery of the Conversion Shares as contemplated by Section 1.4(f) hereof) shall be absolute and unconditional, irrespective of the absence of any action by the Holder to enforce the same, any waiver or consent with respect to any provision thereof, the recovery of any judgment against any person or any action to enforce the same, any failure or delay in the enforcement of any other obligation of the Borrower to the holder of record, or any setoff, counterclaim, recoupment, limitation or termination, or any breach or alleged breach by the Holder of any obligation to the Borrower, and irrespective of any other circumstance which might otherwise limit such obligation of the Borrower to the Holder in connection with such conversion. The Conversion Date specified in the Notice of Conversion shall be the Conversion Date so long as the Notice of Conversion is sent to the Borrower or Borrower's transfer agent before 11:59 p.m., New York, New York time, on such date.

(f) Delivery of Conversion Shares by Electronic Transfer. In lieu of delivering physical certificates representing the Conversion Shares issuable upon conversion hereof, provided the Borrower is participating in the Depository Trust Company ("DTC") Fast Automated Securities Transfer or Deposit/Withdrawal at Custodian programs, upon request of the Holder and its compliance with the provisions contained in Section 1.1 and in this Section 1.4, the Borrower shall use its best efforts to cause its transfer agent to electronically transmit the Conversion Shares issuable upon conversion hereof to the Holder by crediting the account of Holder's Prime Broker with DTC through its Deposit Withdrawal Agent Commission system.

1.5 Concerning the Shares. The Conversion Shares issuable upon conversion of this Note may not be sold or transferred unless (i) such shares are sold pursuant to an effective registration statement under the 1933 Act or (ii) the Borrower or its transfer agent shall have been furnished with an opinion of counsel (which opinion shall be the Legal Counsel Opinion (as defined in the Purchase Agreement)) to the effect that the shares to be sold or transferred may be sold or transferred pursuant to an exemption from such registration or (iii) such shares are sold or transferred pursuant to Rule 144, Rule 144A, Regulation S, or other applicable exemption, or (iv) such shares are transferred to an "affiliate" (as defined in Rule 144) of the Borrower who agrees to sell or otherwise transfer the shares only in accordance with this Section 1.5 and who is an Accredited Investor (as defined in the Purchase Agreement). Except as otherwise provided in the Purchase Agreement (and subject to the removal provisions set forth below), until such time as the Conversion Shares have been registered under the 1933 Act or otherwise may be sold pursuant to Rule 144, Rule 144A, Regulation S, or other applicable exemption without any restriction as to the number of securities as of a particular date that can then be immediately sold, each certificate for the Conversion Shares that has not been so included in an effective registration statement or that has not been sold pursuant to an effective registration statement or an exemption that permits removal of the legend, shall bear a legend substantially in the following form, as appropriate:

"NEITHER THE ISSUANCE AND SALE OF THE SECURITIES REPRESENTED BY THIS CERTIFICATE NOR THE SECURITIES INTO WHICH THESE SECURITIES ARE EXERCISABLE HAVE BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR APPLICABLE STATE SECURITIES LAWS. THE SECURITIES MAY NOT BE OFFERED FOR SALE, SOLD, TRANSFERRED OR ASSIGNED (I) IN THE ABSENCE OF (A) AN EFFECTIVE REGISTRATION STATEMENT FOR THE SECURITIES UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR (B) AN OPINION OF COUNSEL (WHICH MAY BE THE LEGAL COUNSEL OPINION (AS DEFINED IN THE PURCHASE AGREEMENT)), IN A GENERALLY ACCEPTABLE FORM, THAT REGISTRATION IS NOT REQUIRED UNDER SAID ACT OR (II) UNLESS SOLD PURSUANT TO RULE 144, RULE 144A, REGULATION S UNDER SAID ACT, OR OTHER APPLICABLE EXEMPTION. NOTWITHSTANDING THE FOREGOING, THE SECURITIES MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN OR FINANCING ARRANGEMENT SECURED BY THE SECURITIES."

The legend set forth above shall be removed and the Company shall issue to the Holder a certificate for the applicable Conversion Shares without such legend upon which it is stamped or (as requested by the Holder) issue the applicable Conversion Shares by electronic delivery by crediting the account of such holder's broker with DTC, if, unless otherwise required by applicable state securities laws: (a) such Conversion Shares are registered for sale under an effective registration statement filed under the 1933 Act or otherwise may be sold pursuant to Rule 144, Rule 144A, Regulation S, or other applicable exemption without any restriction as to the number of securities as of a particular date that can then be immediately sold, or (b) the Company or the Holder provides the Legal Counsel Opinion (as contemplated by and in accordance with Section 4(l) of the Purchase Agreement) to the effect that a public sale or transfer of such Conversion Shares may be made without registration under the 1933 Act, which opinion shall be accepted by the Company so that the sale or transfer is effected. The Company shall be responsible for the fees of its transfer agent and all DTC fees associated with any such issuance. The Holder agrees to sell all Conversion Shares, including those represented by a certificate(s) from which the legend has been removed, in compliance with applicable prospectus delivery requirements, if any. In the event that the Company does not accept the opinion of counsel provided by the Holder with respect to the transfer of Conversion Shares pursuant to an exemption from registration, such as Rule 144, Rule 144A, Regulation S, or other applicable exemption, at the Deadline, notwithstanding that the conditions of Rule 144, Rule 144A, Regulation S, or other applicable exemption, as applicable, have been met, it will be considered an Event of Default under this Note.

1.6 Effect of Certain Events.

(a) Effect of Merger, Consolidation, Etc. At the option of the Holder, the sale, conveyance or disposition of all or substantially all of the assets of the Borrower, or the consolidation, merger or other business combination of the Borrower with or into any other Person (as defined below) or Persons when the Borrower is not the survivor shall either: (i) be deemed to be an Event of Default pursuant to which the Borrower shall be required to pay to the Holder upon the consummation of and as a condition to such transaction an amount equal to the Default Amount (as defined in this Note) or (ii) be treated pursuant to Section 1.6(b) hereof. "Person" shall mean any individual, corporation, limited liability company, partnership, association, trust or other entity or organization.

(b) Adjustment Due to Merger, Consolidation, Etc. If, at any time when this Note is issued and outstanding and prior to conversion of all of this Note, there shall be any merger, consolidation, exchange of shares, recapitalization, reorganization, or other similar event, as a result of which shares of Common Stock of the Borrower shall be changed into the same or a different number of shares of another class or classes of stock or securities of the Borrower or another entity, or in case of any sale or conveyance of all or substantially all of the assets of the Borrower other than in connection with a plan of complete liquidation of the Borrower, then the Holder of this Note shall thereafter have the right to receive upon conversion of this Note, upon the basis and upon the terms and conditions specified herein and in lieu of the shares of Common Stock immediately theretofore issuable upon conversion, such stock, securities or assets which the Holder would have been entitled to receive in such transaction had this Note been converted in full immediately prior to such transaction (without regard to any limitations on conversion set forth herein), and in any such case appropriate provisions shall be made with respect to the rights and interests of the Holder of this Note to the end that the provisions hereof (including, without limitation, provisions for adjustment of the Conversion Price and of the number of shares issuable upon conversion of the Note) shall thereafter be applicable, as nearly as may be practicable in relation to any securities or assets thereafter deliverable upon the conversion hereof. The Borrower shall not effectuate any transaction described in this Section 1.6(b) unless (a) it first gives, to the extent practicable, at least thirty (30) days prior written notice (but in any event at least fifteen (15) days prior written notice) of the record date of the special meeting of shareholders to approve, or if there is no such record date, the consummation of, such merger, consolidation, exchange of shares, recapitalization, reorganization or other similar event or sale of assets (during which time the Holder shall be entitled to convert this Note) and (b) the resulting successor or acquiring entity (if not the Borrower) assumes by written instrument the obligations of this Section 1.6(b). The above provisions shall similarly apply to successive consolidations, mergers, sales, transfers or share exchanges.

(c) Adjustment Due to Distribution. If the Borrower shall declare or make any distribution of its assets (or rights to acquire its assets) to holders of Common Stock as a dividend, stock repurchase, by way of return of capital or otherwise (including any dividend or distribution to the Borrower's shareholders in cash or shares (or rights to acquire shares) of capital stock of a subsidiary (i.e., a spin-off)) (a "Distribution"), then the Holder of this Note shall be entitled, upon any conversion of this Note after the date of record for determining shareholders entitled to such Distribution, to receive the amount of such assets which would have been payable to the Holder with respect to the shares of Common Stock issuable upon such conversion had such Holder been the holder of such shares of Common Stock on the record date for the determination of shareholders entitled to such Distribution.

(d) Purchase Rights. If, at any time when all or any portion of this Note is issued and outstanding, the Borrower issues any convertible securities or rights to purchase stock, warrants, securities or other property (the "Purchase Rights") pro rata to the record holders of any class of Common Stock, then the Holder of this Note will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which such Holder could have acquired if such Holder had held the number of shares of Common Stock acquirable upon complete conversion of this Note (without regard to any limitations on conversion contained herein) 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 Common Stock are to be determined for the grant, issue or sale of such Purchase Rights.

(e) [Reserved].

(f) Notice of Adjustments. Upon the occurrence of each adjustment or readjustment of the Conversion Price as a result of the events described in Section 1.6 of this Note, the Borrower shall, at its expense and within one (1) Business Day after the occurrence of each respective adjustment or readjustment of the Conversion Price, compute such adjustment or readjustment and prepare and furnish to the Holder a certificate setting forth (i) the Conversion Price in effect at such time, (ii) the number of shares of Common Stock and the amount, if any, of other securities or property which at the time would be received upon conversion of the Note, (iii) the detailed facts upon which such adjustment or readjustment is based, and (iv) copies of the documentation (including but not limited to relevant transaction documents) that evidences the adjustment or readjustment. In addition, the Borrower shall, within one (1) Business Day after each written request from the Holder, furnish to such Holder a like certificate setting forth (i) the Conversion Price in effect at such time, (ii) the number of shares of Common Stock and the amount, if any, of other securities or property which at the time would be received upon conversion of the Note, (iii) the detailed facts upon which such adjustment or readjustment is based, and (iv) copies of the documentation (including but not limited to relevant transaction documents) that evidences the adjustment or readjustment. For the avoidance of doubt, each adjustment or readjustment of the Conversion Price as a result of the events described in Section 1.6 of this Note shall occur without any action by the Holder and regardless of whether the Borrower complied with the notification provisions in Section 1.6 of this Note.

1.7 [Intentionally Omitted].

1.8 Status as Shareholder. Upon submission of a Notice of Conversion by the Holder, (i) the Conversion Shares covered thereby shall be deemed converted into shares of Common Stock and (ii) the Holder's rights as the Holder of such converted portion of this Note shall cease and terminate, excepting only the right to receive certificates for such shares of Common Stock and to any remedies provided herein or otherwise available at law or in equity to such Holder because of a failure by the Borrower to comply with the terms of this Note. Notwithstanding the foregoing, if the Holder has not received certificates for all shares of Common Stock prior to the tenth (10th) business day after the expiration of the Deadline with respect to a conversion of any portion of this Note for any reason, then (unless the Holder otherwise elects to retain its status as a holder of Common Stock by so notifying the Borrower) the Holder shall regain the rights of a Holder of this Note with respect to such unconverted portions of this Note and the Borrower shall, as soon as practicable, return such unconverted Note to the Holder or, if the Note has not been surrendered, adjust its records to reflect that such portion of this Note has not been converted. In all cases, the Holder shall retain all of its rights and remedies for the Borrower's failure to convert this Note.

1.9 Prepayment. At any time prior to the date that an Event of Default occurs under this Note, the Borrower shall have the right, exercisable on five (5) Trading Days prior written notice to the Holder of the Note, to prepay the outstanding Principal Amount and interest then due under this Note in accordance with this Section 1.9. Any notice of prepayment hereunder (an "Optional Prepayment Notice") shall be delivered to the Holder of the Note at its registered addresses and shall state: (1) that the Borrower is exercising its right to prepay the Note, and (2) the date of prepayment which shall be five (5) Trading Days from the date of the Optional Prepayment Notice (the "Optional Prepayment Date"). The Holder shall have the right, during the period beginning on the date of Holder's receipt of the Optional Prepayment Notice and until the Holder's actual receipt of the full prepayment amount on the Optional Prepayment Date, to instead convert all or any portion of the Note pursuant to the terms of this Note, including the amount of this Note to be prepaid by the Borrower in accordance with this Section 1.9. On the Optional Prepayment Date, the Borrower shall make payment of the amounts designated below to or upon the order of the Holder as specified by the Holder in writing to the Borrower. If the Borrower exercises its right to prepay the Note in accordance with this Section 1.9, the Borrower shall make payment to the Holder of an amount in cash equal to the sum of: (w) the Principal Amount then outstanding plus (x) the accrued and unpaid interest on the Principal Amount to the Optional Prepayment Date. If the Borrower delivers an Optional Prepayment Notice and fails to pay the applicable prepayment amount due to the Holder of the Note as provided in this Section 1.9, then the Borrower shall forever forfeit its right to prepay any part of the Note pursuant to this Section 1.9.

1.10 Repayment from Proceeds. If, at any time prior to the full repayment or full conversion of all amounts owed under this Note, the Company receives cash proceeds from the issuance of equity or debt, the incurrence of Indebtedness (as defined in this Note), a merchant cash advance, sale of receivables or similar transaction, the conversion of outstanding warrants of the Company or any of the Company's Subsidiaries, the issuance of securities pursuant to an Equity Line of Credit (as defined in this Note) of the Company, or the sale of assets (including but not limited to real property) by the Company, the Company shall, within one (1) business day of Company's receipt of such proceeds, inform the Holder of or publicly disclose such receipt, following which the Holder shall have the right in its sole discretion to require the Company to immediately apply up to 50% of such proceeds to repay all or any portion of the outstanding Principal Amount and interest (including any Default Interest) then due under this Note. Failure of the Company to comply with this provision shall constitute an Event of Default. "Equity Line of Credit" shall mean any transaction involving a written agreement between the Company and an investor or underwriter whereby the Company has the right to "put" its Common Stock to the investor or underwriter over an agreed period of time and at an agreed price or price formula (such Common Stock must be registered pursuant to a registration statement of the Company for the investor's or underwriter's resale). For the avoidance of doubt, the applicable repayment premium as further provided for in Section 1.9 of this Note shall apply to any repayment of the Note under this Section 1.10 prior to the occurrence of an Event of Default.

ARTICLE II. RANKING AND CERTAIN COVENANTS

2.1 Ranking. This Note shall be unsecured Indebtedness of the Borrower. "Indebtedness" shall mean all indebtedness, including but not limited to (a) all indebtedness of the Borrower or Subsidiaries for the deferred purchase price of property or services, including any type of letters of credit, (b) all liabilities, obligations and indebtedness for borrowed money including, but not limited to, all obligations of the Borrower or Subsidiaries evidenced by notes, bonds, debentures or other similar instruments, (c) purchase money indebtedness hereafter incurred by the Borrower or Subsidiaries to finance the purchase of fixed or capital assets, including all capital lease obligations of the Borrower which do not exceed the purchase price of the assets funded, (d) all guaranties, endorsements and other contingent obligations in respect of indebtedness of Borrower, Subsidiaries or others, whether or not the same are or should be reflected in the Borrower's or Subsidiaries' consolidated balance sheet (or the notes thereto), (e) all guarantee obligations of the Borrower or Subsidiaries in respect of obligations of the kind referred to in clauses (a) through (d) above that the Borrower or Subsidiaries would not be permitted to incur or enter into, and (f) all obligations of the kind referred to in clauses (a) through (e) above that the Borrower or Subsidiaries is not permitted to incur or enter into that are secured and/or unsecured by (or for which the holder of such obligation has an existing right, contingent or otherwise, to be secured and/or unsecured by) any lien or encumbrance on property (including accounts and contract rights) owned by the Borrower or Subsidiaries, whether or not the Borrower or Subsidiaries has assumed or become liable for the payment of such obligation

2.2 Distributions on Capital Stock. So long as the Borrower shall have any obligation under this Note, the Borrower shall not without the Holder's written consent (a) pay, declare or set apart for such payment, any dividend or other distribution (whether in cash, property or other securities) on shares of capital stock other than dividends on shares of Common Stock solely in the form of additional shares of Common Stock or (b) directly or indirectly or through any subsidiary make any other payment or distribution in respect of its capital stock except for distributions pursuant to any shareholders' rights plan which is approved by a majority of the Borrower's disinterested directors.

2.3 Sale of Assets. So long as the Borrower shall have any obligation under this Note, neither the Borrower nor any of the Borrower's Subsidiaries shall, without the Holder's written consent, sell, lease or otherwise dispose of any significant portion of its assets outside the ordinary course of business. Any consent by the Holder to the disposition of any assets may be conditioned on a specified use of the proceeds of disposition.

2.4 Advances and Loans; Affiliate Transactions. So long as the Borrower shall have any obligation under this Note, the Borrower shall not, without the Holder's written consent, lend money, give credit, make advances to or enter into any transaction with any person, firm, joint venture or corporation, including, without limitation, officers, directors, employees, subsidiaries and affiliates of the Borrower, except loans, credits or advances (a) in existence or committed on the Issue Date and which the Borrower has informed Holder in writing prior to the Issue Date, (b) in regard to transactions with unaffiliated third parties, made in the ordinary course of business or (c) in regard to transactions with unaffiliated third parties, not in excess of \$100,000. So long as the Borrower shall have any obligation under this Note, the Borrower shall not, without the Holder's written consent, repay any affiliate (as defined in Rule 144) of the Borrower in connection with any indebtedness or accrued amounts owed to any such party.

2.5 Preservation of Business and Existence, etc. So long as the Borrower shall have any obligation under this Note, the Borrower shall not, without the Holder's written consent, (a) change the nature of its business; (b) sell, divest, change the structure of any material assets other than in the ordinary course of business; or (c) enter into a Variable Rate Transaction. In addition, so long as the Borrower shall have any obligation under this Note, the Borrower shall maintain and preserve, and cause each of its Subsidiaries to maintain and preserve, its existence, rights and privileges, and become or remain, and cause each of its Subsidiaries (other than dormant Subsidiaries that have no or minimum assets) to become or remain, duly qualified and in good standing in each jurisdiction in which the character of the properties owned or leased by it or in which the transaction of its business makes such qualification necessary.

2.6 Noncircumvention. The Company hereby covenants and agrees that the Company will not, by amendment of its Certificate or Articles of Incorporation or Bylaws, or through any reorganization, transfer of assets, consolidation, merger, scheme of arrangement, 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 Note, and will at all times in good faith carry out all the provisions of this Note and take all action as may be required to protect the rights of the Holder.

2.7 Lost, Stolen or Mutilated Note. Upon receipt by the Company of evidence reasonably satisfactory to the Company of the loss, theft, destruction or mutilation of this Note, and, in the case of loss, theft or destruction, of any indemnification undertaking by the Holder to the Company in customary form and, in the case of mutilation, upon surrender and cancellation of this Note, the Company shall execute and deliver to the Holder a new Note.

ARTICLE III. EVENTS OF DEFAULT

It shall be considered an event of default if any of the following events listed in this Article III (each, an "Event of Default") shall occur on or after the Issue Date:

3.1 Failure to Pay Principal or Interest. The Borrower fails to pay the Principal Amount hereof or interest thereon when due on this Note, whether at maturity, upon acceleration or otherwise, or fails to fully comply with Section 1.10 of this Note.

3.2 Conversion and the Shares. The Borrower (i) fails to issue Conversion Shares to the Holder (or announces or threatens in writing that it will not honor its obligation to do so) upon exercise by the Holder of the conversion rights of the Holder in accordance with the terms of this Note, (ii) fails to transfer or cause its transfer agent to transfer (issue) (electronically or in certificated form) any certificate for the Conversion Shares issuable to the Holder upon conversion of or otherwise pursuant to this Note as and when required by this Note, (iii) fails to reserve the Reserved Amount at all times, (iv) the Borrower directs its transfer agent not to transfer or delays, impairs, and/or hinders its transfer agent in transferring (or issuing) (electronically or in certificated form) any certificate for the Conversion Shares issuable to the Holder upon conversion of or otherwise pursuant to this Note as and when required by this Note, or fails to remove (or directs its transfer agent not to remove or impairs, delays, and/or hinders its transfer agent from removing) any restrictive legend (or to withdraw any stop transfer instructions in respect thereof) on any certificate for any Conversion Shares issued to the Holder upon conversion of or otherwise pursuant to this Note as and when required by this Note (or makes any written announcement, statement or threat that it does not intend to honor the obligations described in this paragraph) and any such failure shall continue uncured (or any written announcement, statement or threat not to honor its obligations shall not be rescinded in writing) for two (2) Trading Days after the Holder shall have delivered a Notice of Conversion, and/or (v) fails to remain current in its obligations to its transfer agent (including but not limited to payment obligations to its transfer agent). It shall be an Event of Default of this Note, if a conversion of this Note is delayed, hindered or frustrated due to a balance owed by the Borrower to its transfer agent. If at the option of the Holder, the Holder advances any funds to the Borrower's transfer agent in order to process a conversion, such advanced funds shall be added to the principal balance of the Note.

3.3 Breach of Agreements and Covenants. The Borrower breaches any covenant, agreement, or other term or condition contained in the Purchase Agreement, this Note, Irrevocable Transfer Agent Instructions, or in any agreement, statement or certificate given in writing pursuant hereto or in connection herewith or therewith.

3.4 Breach of Representations and Warranties. Any representation or warranty of the Borrower made in the Purchase Agreement, this Note, Irrevocable Transfer Agent Instructions, or in any agreement, statement or certificate given in writing pursuant hereto or in connection herewith or therewith shall be false or misleading in any material respect when made.

3.5 Receiver or Trustee. The Borrower or any subsidiary of the Borrower shall make an assignment for the benefit of creditors, or apply for or consent to the appointment of a receiver or trustee for it or for a substantial part of its property or business, or such a receiver or trustee shall otherwise be appointed.

3.6 Judgments. Any money judgment, writ or similar process shall be entered or filed against the Borrower or any subsidiary of the Borrower or any of its property or other assets for more than \$100,000, and shall remain unvacated, unbonded or unstayed for a period of twenty (20) days unless otherwise consented to by the Holder, which consent will not be unreasonably withheld.

3.7 Bankruptcy. Bankruptcy, insolvency, reorganization or liquidation proceedings or other proceedings, voluntary or involuntary, for relief under any bankruptcy law or any law for the relief of debtors shall be instituted by or against the Borrower or any subsidiary of the Borrower.

3.8 Failure to Comply with the 1934 Act. At any time on or after the Issue Date, the Borrower shall fail to comply with the reporting requirements of the 1934 Act (subject to a ten (10) Trading Day cure period) and/or the Borrower shall cease to be subject to the reporting requirements of the 1934 Act.

3.9 Liquidation. Any dissolution, liquidation, or winding up of Borrower or any substantial portion of its business.

3.10 Cessation of Operations. Any cessation of operations by Borrower or Borrower admits it is otherwise generally unable to pay its debts as such debts become due, provided, however, that any disclosure of the Borrower's ability to continue as a "going concern" shall not be an admission that the Borrower cannot pay its debts as they become due.

3.11 Maintenance of Assets. The failure by Borrower to maintain any material intellectual property rights, personal, real property or other assets which are necessary to conduct its business (whether now or in the future).

3.12 Financial Statement Restatement. The restatement of any financial statements filed by the Borrower with the SEC for any date or period from two years prior to the Issue Date of this Note and until this Note is no longer outstanding.

3.13 Replacement of Transfer Agent. In the event that the Borrower proposes to replace its transfer agent, the Borrower fails to provide, prior to the effective date of such replacement, a fully executed Irrevocable Transfer Agent Instructions in a form as initially delivered pursuant to the Purchase Agreement (including but not limited to the provision to irrevocably reserve shares of Common Stock in the Reserved Amount) signed by the successor transfer agent to Borrower and the Borrower.

3.14 Cross-Default. The declaration of an event of default by any lender or other extender of credit to the Company under any notes, loans, agreements or other instruments of the Company evidencing any Indebtedness of the Company (including those filed as exhibits to or described in the Company's filings with the SEC), after the passage of all applicable notice and cure or grace periods.

3.15 Variable Rate Transactions. The Borrower consummates a Variable Rate Transaction at any time on or after the Issue Date.

3.16 Inside Information. Any attempt by the Borrower or its officers, directors, and/or affiliates to transmit, convey, disclose, or any actual transmittal, conveyance, or disclosure by the Borrower or its officers, directors, and/or affiliates of, material non-public information concerning the Borrower, to the Holder or its successors and assigns, which is not immediately cured by Borrower's filing of a Form 8-K pursuant to Regulation FD on that same date.

3.17 Unavailability of Rule 144. If, at any time on or after the date that is six (6) calendar months after the Issue Date, the Holder is unable to (i) obtain a standard "144 legal opinion letter" from an attorney reasonably acceptable to the Holder, the Holder's brokerage firm (and respective clearing firm), and the Borrower's transfer agent in order to facilitate the Holder's conversion of any portion of the Note into free trading shares of the Borrower's Common Stock pursuant to Rule 144, and/or (ii) thereupon deposit such shares into the Holder's brokerage account.

3.18 Delisting, Suspension, or Quotation of Trading of Common Stock. If, at any time on or after the Issue Date, the Borrower's Common Stock (i) is suspended from trading, (ii) halted from trading, and/or (iii) fails to be quoted or listed on a Principal Market.

3.19 Rights and Remedies Upon an Event of Default. Upon the occurrence of any Event of Default specified in this Article III, this Note shall become immediately due and payable, and the Borrower shall pay to the Holder, in full satisfaction of its obligations hereunder, an amount equal to the Principal Amount then outstanding plus accrued interest (including any Default Interest) through the date of full repayment multiplied by 150% (collectively the "Default Amount"), as well as all costs, including, without limitation, legal fees and expenses, of collection, all without demand, presentment or notice, all of which hereby are expressly waived by the Borrower. In addition, the principal balance of the Note shall increase by \$5,000.00 on the 1st of each calendar month after the date of the occurrence of an Event of Default until the Note is repaid in the entirety. Holder may, in Holder's sole discretion, convert all or any portion of this Note (including the Default Amount) into Common Stock pursuant to the terms of this Note (for the avoidance of doubt, this shall apply even if such conversion occurs after the Maturity Date). The Holder shall be entitled to exercise all other rights and remedies available at law or in equity.

ARTICLE IV. MISCELLANEOUS

4.1 Failure or Indulgence Not Waiver. No failure or delay on the part of the Holder 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 exercise thereof or of any other right, power or privileges. All rights and remedies of the Holder existing hereunder are cumulative to, and not exclusive of, any rights or remedies otherwise available.

4.2 Notices. All notices, demands, requests, consents, approvals, and other communications required or permitted hereunder shall be in writing and, unless otherwise specified herein, shall be (i) personally served, (ii) deposited in the mail, registered or certified, return receipt requested, postage prepaid, (iii) delivered by reputable air courier service with charges prepaid, or (iv) transmitted by hand delivery, telegram, e-mail or facsimile, addressed as set forth below or to such other address as such party shall have specified most recently by written notice. Any notice or other communication required or permitted to be given hereunder shall be deemed effective (a) upon hand delivery or delivery by e-mail or facsimile, with accurate confirmation generated by the transmitting facsimile machine, 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 addresses for such communications shall be:

If to the Borrower, to:

NUVVE HOLDING CORP.
2488 Historic Decatur Road, Suite 230
San Diego, CA 92106
Attention: Gregory Poilasne
e-mail:

If to the Holder:

FIRSTFIRE GLOBAL OPPORTUNITIES FUND, LLC
1040 First Avenue, Suite 190
New York, NY 10022
e-mail:

4.3 Amendments. This Note and any provision hereof may only be amended by an instrument in writing signed by the Borrower and the Holder. The term “Note” and all reference thereto, as used throughout this instrument, shall mean this instrument as originally executed, or if later amended or supplemented, then as so amended or supplemented.

4.4 Assignability. This Note shall be binding upon the Borrower and its successors and assigns, and shall inure to be the benefit of the Holder and its successors and assigns. The Borrower shall not assign this Note or any rights or obligations hereunder without the prior written consent of the Holder. The Holder may assign its rights hereunder to any “accredited investor” (as defined in Rule 501(a) of the 1933 Act) in a private transaction from the Holder or to any of its “affiliates”, as that term is defined under the 1934 Act, without the consent of the Borrower. Notwithstanding anything in this Note to the contrary, this Note may be pledged as collateral in connection with a bona fide margin account or other lending arrangement. The Holder and any assignee, by acceptance of this Note, acknowledge and agree that following conversion of a portion of this Note, the unpaid and unconverted principal amount of this Note represented by this Note may be less than the amount stated on the face hereof.

4.5 Cost of Collection. If default is made in the payment of this Note, the Borrower shall pay the Holder hereof costs of collection, including reasonable and documented attorneys’ fees.

4.6 Arbitration of Claims; Governing Law; Venue; Attorney’s Fees. The Company and Holder shall submit all Claims (as defined in Exhibit C of the Purchase Agreement) (the “Claims”) arising under this Note or any other agreement between the parties and their affiliates or any Claim relating to the relationship of the parties to binding arbitration pursuant to the arbitration provisions set forth in Exhibit C of the Purchase Agreement (the “Arbitration Provisions”). The Company and Holder hereby acknowledge and agree that the Arbitration Provisions are unconditionally binding on the Company and Holder hereto and are severable from all other provisions of this Note. By executing this Note, Company represents, warrants and covenants that Company has reviewed the Arbitration Provisions carefully, consulted with legal counsel about such provisions (or waived its right to do so), understands that the Arbitration Provisions are intended to allow for the expeditious and efficient resolution of any dispute hereunder, agrees to the terms and limitations set forth in the Arbitration Provisions, and that Company will not take a position contrary to the foregoing representations. The Company acknowledges and agrees that Holder may rely upon the foregoing representations and covenants of the Company regarding the Arbitration Provisions. This Note shall be construed and enforced in accordance with, and all questions concerning the construction, validity, interpretation and performance of this Note shall be governed by, the internal laws of the State of Delaware, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of Delaware or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of Delaware. The Company and Holder consent to and expressly agree that the exclusive venue for arbitration of any Claims arising under this Note or any other agreement between the Company and Holder or their respective affiliates (including but not limited to the Transaction Documents) or any Claim relating to the relationship of the Company and Holder or their respective affiliates shall be in the State of Delaware. Without modifying the Company’s and Holder’s obligations to resolve disputes hereunder pursuant to the Arbitration Provisions, for any litigation arising in connection with any of the Transaction Documents (and notwithstanding the terms (specifically including any governing law and venue terms) of any transfer agent services agreement or other agreement between the Company’s transfer agent and the Company, such litigation specifically includes, without limitation any action between or involving Company and the Company’s transfer agent under the Irrevocable Transfer Agent Instructions (as defined in the Purchase Agreement) or otherwise related to Holder in any way (specifically including, without limitation, any action where Company seeks to obtain an injunction, temporary restraining order, or otherwise prohibit the Company’s transfer agent from issuing shares of Common Stock to Holder for any reason)), each party hereto hereby (i) consents to and expressly submits to the exclusive personal jurisdiction of any state or federal court sitting in the State of Delaware, (ii) expressly submits to the exclusive venue of any such court for the purposes hereof, (iii) agrees to not bring any such action (specifically including, without limitation, any action where Company seeks to obtain an injunction, temporary restraining order, or otherwise prohibit the Company’s transfer agent from issuing shares of Common Stock to Holder for any reason) outside of any state or federal court sitting in the State of Delaware, and (iv) waives any claim of improper venue and any claim or objection that such courts are an inconvenient forum or any other claim, defense or objection to the bringing of any such proceeding in such jurisdiction or to any claim that such venue of the suit, action or proceeding is improper. Notwithstanding anything in the foregoing to the contrary, nothing herein (i) shall limit, or shall be deemed or construed to limit, the ability of the Holder to realize on any collateral or any other security, or to enforce a judgment or other court ruling in favor of the Holder, including through a legal action in any court of competent jurisdiction, or (ii) shall limit, or shall be deemed or construed to limit, any provision of Section 4.15 of this Note. The Company hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any objection to jurisdiction and venue of any action instituted hereunder, any claim that it is not personally subject to the jurisdiction of any such court, and any claim that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper (including but not limited to based upon *forum non conveniens*). **THE COMPANY AND THE HOLDER EACH HEREBY IRREVOCABLY WAIVE ANY RIGHT IT MAY HAVE, AND AGREE NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION WITH OR ARISING OUT OF THIS NOTE OR ANY TRANSACTIONS CONTEMPLATED HEREBY.** The Company irrevocably waives personal service of process and consents to process being served in any suit, action or proceeding in connection with this Note or any other agreement, certificate, instrument or document contemplated hereby or thereby by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to Company at the address in effect for notices to it under this Note 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. The prevailing party in any action or dispute brought in connection with this

Note or any other agreement, certificate, instrument or document contemplated hereby or thereby shall be entitled to recover from the other party its reasonable attorney's fees and costs. If any provision of this Note shall be invalid or unenforceable in any jurisdiction, such invalidity or unenforceability shall not affect the validity or enforceability of the remainder of this Note in that jurisdiction or the validity or enforceability of any provision of this Note in any other jurisdiction.

4.7 Certain Amounts. Whenever pursuant to this Note the Borrower is required to pay an amount in excess of the outstanding Principal Amount (or the portion thereof required to be paid at that time) plus accrued and unpaid interest plus Default Interest on such interest, the Borrower and the Holder agree that the actual damages to the Holder from the receipt of cash payment on this Note may be difficult to determine and the amount to be so paid by the Borrower represents stipulated damages and not a penalty and is intended to compensate the Holder in part for loss of the opportunity to convert this Note and to earn a return from the sale of shares of Common Stock acquired upon conversion of this Note at a price in excess of the price paid for such shares pursuant to this Note. The Borrower and the Holder hereby agree that such amount of stipulated damages is not plainly disproportionate to the possible loss to the Holder from the receipt of a cash payment without the opportunity to convert this Note into shares of Common Stock.

4.8 Purchase Agreement. The Company and the Holder shall be bound by the applicable terms of the Purchase Agreement and the Transaction Documents entered into in connection herewith and therewith.

4.9 Notice of Corporate Events. Except as otherwise provided below, the Holder of this Note shall have no rights as a Holder of Common Stock unless and only to the extent that it converts this Note into Common Stock. The Borrower shall provide the Holder with prior notification of any meeting of the Borrower's shareholders (and copies of proxy materials and other information sent to shareholders). In the event of any taking by the Borrower of a record of its shareholders for the purpose of determining shareholders who are entitled to receive payment of any dividend or other distribution, any right to subscribe for, purchase or otherwise acquire (including by way of merger, consolidation, reclassification or recapitalization) any share of any class or any other securities or property, or to receive any other right, or for the purpose of determining shareholders who are entitled to vote in connection with any change in control or any proposed liquidation, dissolution or winding up of the Borrower, the Borrower shall mail a notice to the Holder, at least twenty (20) days prior to the record date specified therein (or thirty (30) days prior to the consummation of the transaction or event, whichever is earlier), of the date on which any such record is to be taken for the purpose of such dividend, distribution, right or other event, and a brief statement regarding the amount and character of such dividend, distribution, right or other event to the extent known at such time. The Borrower shall make a public announcement of any event requiring notification to the Holder hereunder substantially simultaneously with the notification to the Holder in accordance with the terms of this Section 4.9.

4.10 Remedies. The Borrower acknowledges that a breach by it of its obligations hereunder will cause irreparable harm to the Holder, by vitiating the intent and purpose of the transaction contemplated hereby. Accordingly, the Borrower acknowledges that the remedy at law for a breach of its obligations under this Note will be inadequate and agrees, in the event of a breach or threatened breach by the Borrower of the provisions of this Note, that the Holder shall be entitled, in addition to all other available remedies at law or in equity, and in addition to the penalties assessable herein, to an injunction or injunctions restraining, preventing or curing any breach of this Note and to enforce specifically the terms and provisions thereof, without the necessity of showing economic loss and without any bond or other security being required.

4.11 Construction; Headings. This Note shall be deemed to be jointly drafted by the Company and all the Holder and shall not be construed against any person as the drafter hereof. The headings of this Note are for convenience of reference and shall not form part of, or affect the interpretation of, this Note.

4.12 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 the Holder in order to enforce any right or remedy under this Note. Notwithstanding any provision to the contrary contained in this Note, it is expressly agreed and provided that the total liability of the Company under this Note for payments which under the applicable law are 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 which under the applicable law in the nature of interest that the Company may be obligated to pay under this Note exceed such Maximum Rate. It is agreed that if the maximum contract rate of interest allowed by applicable law and applicable to this Note is increased or decreased by statute or any official governmental action subsequent to the Issue Date, the new maximum contract rate of interest allowed by law will be the Maximum Rate applicable to this Note 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 the Holder with respect to indebtedness evidenced by this the Note, such excess shall be applied by the Holder to the unpaid principal balance of any such indebtedness or be refunded to the Company, the manner of handling such excess to be at the Holder's election.

4.13 Severability. In the event that any provision of this Note is invalid or unenforceable under any applicable statute or rule of law (including any judicial ruling), then such provision shall be deemed inoperative to the extent that it may conflict therewith and shall be deemed modified to conform with such statute or rule of law. Any such provision which may prove invalid or unenforceable under any law shall not affect the validity or enforceability of any other provision of this Note.

4.14 Terms of Future Financings. So long as this Note is outstanding, upon any issuance by the Borrower or any of its Subsidiaries of any security, or amendment to a security that was originally issued before the Issue Date, with any term that the Holder reasonably believes is more favorable to the holder of such security or with a term in favor of the holder of such security that the Holder reasonably believes was not similarly provided to the Holder in this Note (even if the holder of such other security does not receive the benefit of such more favorable term until a default occurs under such other security), then (i) the Borrower shall notify the Holder of such additional or more favorable term within one (1) business day of the issuance and/or amendment (as applicable) of the respective security, and (ii) such term, at Holder's option, shall become a part of the transaction documents with the Holder (regardless of whether the Borrower complied with the notification provision of this Section 4.14). The types of terms contained in another security that may be more favorable to the holder of such security include, but are not limited to, terms addressing prepayment rate, interest rates, and original issue discounts.

4.15 Dispute Resolution.

(a) In the case of a dispute relating to the Conversion Price, Conversion Amount, any prepayment amount or Default Amount, Issue Date, Closing Date, Maturity Date, the closing bid price, or fair market value (as the case may be) (including, without limitation, a dispute relating to the determination of any of the foregoing) (the “Note Calculations”), the Company or the Holder (as the case may be) shall submit the dispute to the other party via electronic mail (A) if by the Company, within two (2) Trading Days after the occurrence of the circumstances giving rise to such dispute or (B) if by the Holder, at any time after the Holder learned of the circumstances giving rise to such dispute. If the Holder and the Company are unable to agree upon such determination or calculation within two (2) Trading Days following such initial notice by the Company or the Holder (as the case may be) of such dispute to the Company or the Holder (as the case may be), then the Holder may, at its sole option, submit the dispute to an independent, reputable investment bank or independent, outside accountant selected by the Holder (the “Independent Third Party”), and the Company shall pay all expenses of such Independent Third Party.

(b) The Holder and the Company shall each deliver to such Independent Third Party (A) a copy of the initial dispute submission so delivered in accordance with the first sentence of this Section 4.15(a) and (B) written documentation supporting its position with respect to such dispute, in each case, no later than 5:00 p.m. (New York time) by second (2nd) Business Day immediately following the date on which the Holder selected such Independent Third Party (the “Dispute Submission Deadline”) (the documents referred to in the immediately preceding clauses (A) and (B) are collectively referred to herein as the “Required Dispute Documentation”) (it being understood and agreed that if either the Holder or the Company fails to so deliver all of the Required Dispute Documentation by the Dispute Submission Deadline, then the party who fails to so submit all of the Required Dispute Documentation shall no longer be entitled to (and hereby waives its right to) deliver or submit any written documentation or other support to such Independent Third Party with respect to such dispute and such Independent Third Party shall resolve such dispute based solely on the Required Dispute Documentation that was delivered to such Independent Third Party prior to the Dispute Submission Deadline). Unless otherwise agreed to in writing by both the Company and the Holder or otherwise requested by such Independent Third Party, neither the Company nor the Holder shall be entitled to deliver or submit any written documentation or other support to such Independent Third Party in connection with such dispute, other than the Required Dispute Documentation.

(c) The Company and the Holder shall cause such Independent Third Party to determine the resolution of such dispute and notify the Company and the Holder of such resolution no later than five (5) Business Days immediately following the Dispute Submission Deadline. The fees and expenses of such Independent Third Party shall be borne solely by the Company, and such Independent Third Party’s resolution of such dispute shall be final and binding upon all parties absent manifest error.

(d) The Company expressly acknowledges and agrees that (i) this Section 4.15 constitutes an agreement to arbitrate between the Company and the Holder (and constitutes an arbitration agreement) under the rules then in effect under the Delaware Rules of Civil Procedure (“DRCP”) and that the Holder is authorized to apply for an order to compel arbitration pursuant to the DRCP in order to compel compliance with this Section 4.15, (ii) a dispute relating to the Note Calculations includes, without limitation, disputes as to (A) whether an issuance or sale or deemed issuance or sale of Common Stock occurred under Section 1.6 of this Note, (B) the consideration per share at which an issuance or deemed issuance of Common Stock occurred, (C) whether any issuance or sale or deemed issuance or sale of Common Stock was an issuance or sale or deemed issuance or sale and (D) whether an agreement, instrument, security or the like constitutes a Common Stock Equivalent, (iii) the terms of this Note and each other applicable Transaction Document shall serve as the basis for the selected Independent Third Party’s resolution of the applicable dispute, such Independent Third Party shall be entitled (and is hereby expressly authorized) to make all findings, determinations and the like that such Independent Third Party determines are required to be made by such Independent Third Party in connection with its resolution of such dispute (including, without limitation, determining (A) whether an issuance or sale or deemed issuance or sale of Common Stock occurred under Section 1.6 of this Note, (B) the consideration per share at which an issuance or deemed issuance of Common Stock occurred, (C) whether any issuance or sale or deemed issuance or sale of Common Stock was an issuance or sale or deemed issuance or sale and (D) whether an agreement, instrument, security or the like constitutes a Common Stock Equivalent and in resolving such dispute such Independent Third Party shall apply such findings, determinations and the like to the terms of this Note and any other applicable Transaction Documents, and (iv) nothing in this Section 4.15 shall limit the Holder from obtaining any injunctive relief or other equitable remedies (including, without limitation, with respect to any matters described in this Section 4.15).

[signature page follows]

IN WITNESS WHEREOF, Borrower has caused this Note to be signed in its name by its duly authorized officer on September 10, 2026.

NUVVE HOLDING CORP.

By: /s/ Gregory Poilasne

Name: Gregory Poilasne

Title: Chief Executive Officer

EXHIBIT A -- NOTICE OF CONVERSION

SECURITIES PURCHASE AGREEMENT

This **SECURITIES PURCHASE AGREEMENT** (the “Agreement”), dated as of September 10, 2026, by and between **NUVVE HOLDING CORP.**, a Delaware corporation, with headquarters located at 2488 Historic Decatur Road, Suite 230, San Diego, CA 92106 (the “Company”), and **FIRSTFIRE GLOBAL OPPORTUNITIES FUND, LLC**, a Delaware limited liability company, with its address at 1040 First Avenue, Suite 190, New York, NY 10022 (the “Buyer”).

WHEREAS:

A. The Company and the Buyer are executing and delivering this Agreement in reliance upon the exemption from securities registration afforded by Section 4(a)(2) of the Securities Act of 1933, as amended (the “1933 Act”) and Rule 506(b) promulgated by the United States Securities and Exchange Commission (the “SEC”) under the 1933 Act;

B. Buyer desires to purchase from the Company, and the Company desires to issue and sell to the Buyer, upon the terms and conditions set forth in this Agreement, a promissory note of the Company, in the aggregate principal amount of \$280,000.00 (as the principal amount thereof may be increased pursuant to the terms thereof, and together with any note(s) issued in replacement thereof or as a dividend thereon or otherwise with respect thereto in accordance with the terms thereof, in the form attached hereto as Exhibit A, the “Note”), convertible into shares of common stock, \$0.0001 par value per share, of the Company (the “Common Stock”), upon the terms and subject to the limitations and conditions set forth in such Note; and

C. The Buyer wishes to purchase, upon the terms and conditions stated in this Agreement, such principal amount of the Note as is set forth in this Agreement.

NOW THEREFORE, in consideration of the foregoing and of the agreements and covenants herein contained, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Company and the Buyer hereby agree as follows:

1. Purchase and Sale of Note.

a. Purchase of Note. On the Closing Date (as defined below), the Company shall issue and sell to the Buyer, and the Buyer agrees to purchase from the Company, the Note, as further provided herein. As used in this Agreement, the term “business day” shall mean any day other than a Saturday, Sunday, or a day on which commercial banks in the city of New York, New York are authorized or required by law or executive order to remain closed.

b. Form of Payment. On the Closing Date: (i) the Buyer shall pay the purchase price of \$ 250,000.00 (the “Purchase Price”) for the Note, to be issued and sold to it at the Closing (as defined below), by wire transfer of immediately available funds to the Company, in accordance with the Company’s written wiring instructions, against delivery of the Note, and (ii) the Company shall deliver such duly executed Note on behalf of the Company, to the Buyer, against delivery of such Purchase Price. On the Closing Date, the Buyer shall withhold a non-accountable sum of \$6,000.00 from the Purchase Price to cover the Buyer’s legal fees in connection with the transactions contemplated by this Agreement. On the Closing Date, the Buyer shall also withhold a sum of \$15,000.00 from the Purchase Price to cover the Company’s fees owed to Digital Offering LLC, a registered broker-dealer (CRD #166401) (the “Placement Agent”), in connection with the transactions contemplated by this Agreement. On the Closing Date, the Buyer shall pay \$30,000.00 of the Purchase Price directly to Baker & Hostetler LLP for the Company’s benefit, which amount, for purposes of clarity, shall be withheld from the Purchase Price by the Buyer at the Closing for such payment. On the closing Date, the Buyer shall pay \$87,010.00 of the Purchase Price directly to ACH Capital UT LLC for the Company’s benefit, which amount, for purposes of clarity, shall be withheld from the Purchase Price by the Buyer at the Closing for such payment.

c. Closing Date. Subject to the satisfaction (or written waiver) of the conditions thereto set forth in Section 6 and Section 7 below, the date and time of the issuance and sale of the Note pursuant to this Agreement (the “Closing Date”) shall be on the date that the Purchase Price for the Note is paid by Buyer pursuant to terms of this Agreement.

d. Closing. The closing of the transactions contemplated by this Agreement (the “Closing”) shall occur on the Closing Date at such location as may be agreed to by the parties (including via exchange of electronic signatures).

2. Buyer’s Representations and Warranties. The Buyer represents and warrants to the Company as of the Closing Date that:

a. Investment Purpose. As of the Closing Date, the Buyer is purchasing the Note (the Note and shares of Common Stock issuable upon conversion of or otherwise pursuant to the Note (the “Conversion Shares”) shall collectively be referred to herein as the “Securities”) for its own account and not with a present view towards the public sale or distribution thereof, except pursuant to sales registered or exempted from registration under the 1933 Act; provided, however, that by making the representations herein, the Buyer does not agree to hold any of the Securities for any minimum or other specific term and reserves the right to dispose of the Securities at any time in accordance with or pursuant to a registration statement or an exemption under the 1933 Act.

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

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

d. Information. The Buyer and its advisors, if any, have been, and for so long as the Note remains outstanding will continue to be, furnished with all materials relating to the business, finances and operations of the Company and materials relating to the offer and sale of the Securities which have been requested by the Buyer or its advisors. The Buyer and its advisors, if any, have been, and for so long as the Note remains outstanding will continue to be, afforded the opportunity to ask questions of the Company regarding its business and affairs. Notwithstanding the foregoing, the Company has not disclosed to the Buyer any material nonpublic information regarding the Company or otherwise and will not disclose such information unless such information is disclosed to the public prior to or promptly following such disclosure to the Buyer. Neither such inquiries nor any other due diligence investigation conducted by Buyer or any of its advisors or representatives shall modify, amend or affect Buyer’s right to rely on the Company’s representations and warranties contained in Section 3 below.

e. Governmental Review. The Buyer understands that no United States federal or state agency or any other government or governmental agency has passed upon or made any recommendation or endorsement of the Securities.

f. Transfer or Re-sale. The Buyer understands that (i) the sale or resale of the Securities has not been and is not being registered under the 1933 Act or any applicable state securities laws, and the Securities may not be transferred unless (a) the Securities are sold pursuant to an effective registration statement under the 1933 Act, (b) the Buyer shall have delivered to the Company, at the cost of the Company, an opinion of counsel (which may be the Legal Counsel Opinion (as defined below)) that shall be in form, substance and scope customary for opinions of counsel in comparable transactions to the effect that the Securities to be sold or transferred may be sold or transferred pursuant to an exemption from such registration, which opinion shall be accepted by the Company, (c) the Securities are sold or transferred to an “affiliate” (as defined in Rule 144 promulgated under the 1933 Act (or a successor rule) (“Rule 144”)) of the Buyer who agrees to sell or otherwise transfer the Securities only in accordance with this Section 2(f) and who is an Accredited Investor, (d) the Securities are sold pursuant to Rule 144 or other applicable exemption, or (e) the Securities are sold pursuant to Regulation S under the 1933 Act (or a successor rule) (“Regulation S”), and the Buyer shall have delivered to the Company, at the cost of the Company, an opinion of counsel that shall be in form, substance and scope customary for opinions of counsel in corporate transactions, which opinion shall be accepted by the Company; (ii) any sale of such Securities made in reliance on Rule 144 may be made only in accordance with the terms of said Rule and further, if said Rule is not applicable, any re-sale of such Securities under circumstances in which the seller (or the person through whom the sale is made) may be deemed to be an underwriter (as that term is defined in the 1933 Act) may require compliance with some other exemption under the 1933 Act or the rules and regulations of the SEC thereunder; and (iii) neither the Company nor any other person is under any obligation to register such Securities under the 1933 Act or any state securities laws or to comply with the terms and conditions of any exemption thereunder (in each case). Notwithstanding the foregoing or anything else contained herein to the contrary, the Securities may be pledged in connection with a bona fide margin account or other lending arrangement secured by the Securities, and such pledge of Securities shall not be deemed to be a transfer, sale or assignment of the Securities hereunder, and the Buyer in effecting such pledge of Securities shall not be required to provide the Company with any notice thereof or otherwise make any delivery to the Company pursuant to this Agreement or otherwise.

g. Legends. The Buyer understands that until such time as the Note and/or Conversion Shares, have been registered under the 1933 Act or may be sold pursuant to Rule 144, Rule 144A under the 1933 Act, Regulation S, or other applicable exemption without any restriction as to the number of securities as of a particular date that can then be immediately sold, the Securities may bear a restrictive legend in substantially the following form (and a stop-transfer order may be placed against transfer of such Securities):

“NEITHER THE ISSUANCE AND SALE OF THE SECURITIES REPRESENTED BY THIS CERTIFICATE NOR THE SECURITIES INTO WHICH THESE SECURITIES ARE [CONVERTIBLE/EXERCISABLE] HAVE BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR APPLICABLE STATE SECURITIES LAWS. THE SECURITIES MAY NOT BE OFFERED FOR SALE, SOLD, TRANSFERRED OR ASSIGNED (I) IN THE ABSENCE OF (A) AN EFFECTIVE REGISTRATION STATEMENT FOR THE SECURITIES UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR (B) AN OPINION OF COUNSEL (WHICH COUNSEL SHALL BE SELECTED BY THE HOLDER), IN A GENERALLY ACCEPTABLE FORM, THAT REGISTRATION IS NOT REQUIRED UNDER SAID ACT OR (II) UNLESS SOLD PURSUANT TO RULE 144, RULE 144A, REGULATION S, OR OTHER APPLICABLE EXEMPTION UNDER SAID ACT. NOTWITHSTANDING THE FOREGOING, THE SECURITIES MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN OR FINANCING ARRANGEMENT SECURED BY THE SECURITIES.”

The legend set forth above shall be removed and the Company shall issue a certificate or book entry statement for the applicable shares of Common Stock without such legend to the holder of any Security upon which it is stamped or (as requested by such holder) issue the applicable shares of Common Stock to such holder by electronic delivery by crediting the account of such holder’s broker with The Depository Trust Company (“DTC”), if, unless otherwise required by applicable state securities laws, (a) such Security is registered for sale under an effective registration statement filed under the 1933 Act or otherwise may be sold pursuant to Rule 144, Rule 144A, Regulation S, or other applicable exemption without any restriction as to the number of securities as of a particular date that can then be immediately sold, or (b) the Company or the Buyer provides the Legal Counsel Opinion (as contemplated by and in accordance with Section 4(l) hereof) to the effect that a public sale or transfer of such Security may be made without registration under the 1933 Act, which opinion shall be accepted by the Company so that the sale or transfer is effected. The Company shall be responsible for the fees of its transfer agent and all DTC fees associated with any such issuance. The Buyer agrees to sell all Securities, including those represented by a certificate(s) from which the legend has been removed, in compliance with applicable prospectus delivery requirements, if any. In the event that the Company does not accept the opinion of counsel provided by the Buyer with respect to the transfer of Securities pursuant to an exemption from registration, such as Rule 144, Rule 144A, Regulation S, or other applicable exemption at the Deadline (as defined in the Note), it will be considered an Event of Default pursuant to Section 3.2 of the Note.

h. Authorization; Enforcement. This Agreement has been duly and validly authorized by the Buyer and has been duly executed and delivered on behalf of the Buyer, and this Agreement constitutes a valid and binding agreement of the Buyer enforceable in accordance with its terms, except as enforcement may be limited by bankruptcy, insolvency, reorganization, moratorium or other similar laws affecting creditors’ rights generally and except as may be limited by the exercise of judicial discretion in applying principles of equity.

3. Representations and Warranties of the Company. The Company represents and warrants to the Buyer as of the Closing Date that:

a. Organization and Qualification. The Company and each of its Subsidiaries (as defined below), if any, is a corporation duly organized, validly existing and in good standing under the laws of the jurisdiction in which it is incorporated or formed, with full power and authority (corporate and other) to own, lease, use and operate its properties and to carry on its business as and where now owned, leased, used, operated and conducted. The SEC Documents set forth a list of all of the Subsidiaries of the Company and the jurisdiction in which each is incorporated. The Company and each of its Subsidiaries is duly qualified as a foreign corporation to do business and is in good standing in every jurisdiction in which its ownership or use of property or the nature of the business conducted by it makes such qualification necessary except where the failure to be so qualified or in good standing would not have a Material Adverse Effect. "Material Adverse Effect" means any material adverse effect on the business, operations, assets, financial condition or prospects of the Company or its Subsidiaries, if any, taken as a whole, or on the transactions contemplated hereby or by the agreements or instruments to be entered into in connection herewith. "Subsidiaries" means any corporation or other organization, whether incorporated or unincorporated, in which the Company owns, directly or indirectly, any equity or other ownership interest.

b. Authorization; Enforcement. The Company has all requisite corporate power and authority to enter into and perform this Agreement, the Note, and to consummate the transactions contemplated hereby and thereby and to issue the Securities, in accordance with the terms hereof and thereof, (ii) the execution and delivery of this Agreement, the Note, and Conversion Shares by the Company and the consummation by it of the transactions contemplated hereby and thereby (including without limitation, the issuance of the Note as well as the issuance and reservation for issuance of the Conversion Shares issuable upon conversion of the Note) have been duly authorized by the Company's Board of Directors and no further consent or authorization of the Company, its Board of Directors, its shareholders, or its debt holders is required, (iii) this Agreement and the Note (together with any other instruments executed in connection herewith or therewith) have been duly executed and delivered by the Company by its authorized representative, and such authorized representative is the true and official representative with authority to sign this Agreement, the Note and the other instruments documents executed in connection herewith or therewith and bind the Company accordingly, and (iv) this Agreement constitutes, and upon execution and delivery by the Company of the Note, each of such instruments will constitute, a legal, valid and binding obligation of the Company, enforceable against the Company in accordance with their terms.

c. Capitalization; Governing Documents. As of September 10, 2026, the authorized capital stock of the Company consists of: 400,000,000 authorized shares of Common Stock, of which 993,791 shares were issued and outstanding, and 1,000,000 authorized shares of preferred stock, of which (a) 35,000 shares of preferred stock were authorized and designated as Series A convertible preferred stock, 134 shares of which were issued and outstanding, and (b) 150,000 shares of preferred stock were authorized and designated as Series B convertible preferred stock, 14,737 shares of which were issued and outstanding. All of such outstanding shares of capital stock of the Company, and the Conversion Shares are, or upon issuance will be, duly authorized, validly issued, fully paid and non-assessable. No shares of capital stock of the Company are subject to preemptive rights or any other similar rights of the shareholders of the Company or any liens or encumbrances imposed through the actions or failure to act of the Company. As of the effective date of this Agreement, other than as publicly announced prior to such date and reflected in the SEC Documents of the Company (i) there are no outstanding options, warrants, scrip, rights to subscribe for, puts, calls, rights of first refusal, agreements, understandings, claims or other commitments or rights of any character whatsoever relating to, or securities or rights convertible into or exchangeable for any shares of capital stock of the Company or any of its Subsidiaries, or arrangements by which the Company or any of its Subsidiaries is or may become bound to issue additional shares of capital stock of the Company or any of its Subsidiaries, (ii) there are no agreements or arrangements under which the Company or any of its Subsidiaries is obligated to register the sale of any of its or their securities under the 1933 Act and (iii) there are no anti-dilution or price adjustment provisions contained in any security issued by the Company (or in any agreement providing rights to security holders) that will be triggered by the issuance of any of the Securities. The Company has furnished to the Buyer true and correct copies of the Company's Certificate of Incorporation as in effect on the date hereof ("Certificate of Incorporation"), the Company's By-laws, as in effect on the date hereof (the "By-laws"), and the terms of all securities convertible into or exercisable for Common Stock of the Company and the material rights of the holders thereof in respect thereto.

d. Issuance of Conversion Shares. The Conversion Shares are duly authorized and reserved for issuance and, upon conversion of the Note in accordance with its terms, will be validly issued, fully paid and non-assessable, and free from all taxes, liens, claims and encumbrances with respect to the issue thereof and shall not be subject to preemptive rights or other similar rights of shareholders of the Company and will not impose personal liability upon the holder thereof.

e. [Intentionally Omitted].

f. Acknowledgment of Dilution. The Company understands and acknowledges the potentially dilutive effect of the Conversion Shares to the Common Stock upon the conversion of the Note. The Company further acknowledges that its obligation to issue, upon conversion of the Note, the Conversion Shares, are absolute and unconditional regardless of the dilutive effect that such issuance may have on the ownership interests of other shareholders of the Company.

g. No Conflicts. The execution, delivery and performance of this Agreement and the Note by the Company and the consummation by the Company of the transactions contemplated hereby and thereby (including, without limitation, the issuance and reservation for issuance of the Conversion Shares) will not, other than has been duly waived or otherwise consented to prior to the date hereof, (i) conflict with or result in a violation of any provision of the Certificate of Incorporation or By-laws, or (ii) violate or conflict with, or result in a breach of any provision of, or constitute a default (or an event which with notice or lapse of time or both could become a default) under, or give to others any rights of termination, amendment, acceleration or cancellation of, any agreement, note, evidence of indebtedness, indenture, patent, patent license or instrument to which the Company or any of its Subsidiaries is a party, or (iii) result in a violation of any law, rule, regulation, order, judgment or decree (including federal and state securities laws and regulations and regulations of any self-regulatory organizations to which the Company or its securities is subject) applicable to the Company or any of its Subsidiaries or by which any property or asset of the Company or any of its Subsidiaries is bound or affected (except for such conflicts, defaults, terminations, amendments, accelerations, cancellations and violations as would not, individually or in the aggregate, have a Material Adverse Effect), or (iv) trigger any anti-dilution and/or ratchet provision contained in any other contract in which the Company is a party thereto or any security issued by the Company. Neither the Company nor any of its Subsidiaries is in violation of its Certificate of Incorporation, By-laws or other organizational documents and neither the Company nor any of its Subsidiaries is in default (and no event has occurred which with notice or lapse of time or both could put the Company or any of its Subsidiaries in default) under, and neither the Company nor any of its Subsidiaries has taken any action or failed to take any action that would give to others any rights of termination, amendment, acceleration or cancellation of, any agreement, indenture or instrument to which the Company or any of its Subsidiaries is a party or by which any property or assets of the Company or any of its Subsidiaries is bound or affected, except for possible defaults as would not, individually or in the aggregate, have a Material Adverse Effect. The businesses of the Company and its Subsidiaries, if any, are not being conducted, and shall not be conducted so long as the Buyer owns any of the Securities, in violation of any law, ordinance or regulation of any governmental entity. Except as specifically contemplated by this Agreement and as required under the 1933 Act and any applicable state securities laws, the Company is not required to obtain any consent, authorization or order of, or make any filing or registration with, any court, governmental agency, regulatory agency, self-regulatory organization or stock market or any third party in order for it to execute, deliver or perform any of its obligations under this Agreement and the Note in accordance with the terms hereof or thereof or to issue and sell the Note in accordance with the terms hereof and, upon conversion of the Note, issue Conversion Shares. All consents, authorizations, orders, filings and registrations which the Company is required to obtain pursuant to the preceding sentence have been obtained or effected on or prior to the date hereof. The Company is not in violation of the listing requirements of the Principal Market (as defined herein) and does not reasonably anticipate that the Common Stock will be delisted by the Principal Market in the foreseeable future. The Company and its Subsidiaries are unaware of any facts or circumstances which might give rise to any of the foregoing. The “Principal Market” shall mean the principal securities exchange or trading market where such Common Stock is listed or traded, including but not limited to any tier of the OTC Markets, any tier of the NASDAQ Stock Market (including NASDAQ Capital Market), or the NYSE American, or any successor to such markets.

h. SEC Documents; Financial Statements. The Company has filed all reports, schedules, forms, statements and other documents required to be filed by it with the SEC pursuant to the reporting requirements of the Securities Exchange Act of 1934, as amended (the “1934 Act”) (all of the foregoing filed prior to the date hereof and all exhibits included therein and financial statements and schedules thereto and documents (other than exhibits to such documents) incorporated by reference therein, being hereinafter referred to herein as the “SEC Documents”). As of their respective dates, the SEC Documents complied in all material respects with the requirements of the 1934 Act and the rules and regulations of the SEC promulgated thereunder applicable to the SEC Documents, and none of the SEC Documents, at the time they were filed with the SEC, 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 light of the circumstances under which they were made, not misleading. None of the statements made in any such SEC Documents is, or has been, required to be amended or updated under applicable law (except for such statements as have been amended or updated in subsequent filings prior the date hereof). As of their respective dates, the financial statements of the Company included in the SEC Documents complied as to form in all material respects with applicable accounting requirements and the published rules and regulations of the SEC with respect thereto. Such financial statements have been prepared in accordance with United States generally accepted accounting principles, consistently applied, during the periods involved and fairly present in all material respects the consolidated financial position of the Company and its consolidated Subsidiaries as of the dates thereof and the consolidated results of their operations and cash flows for the periods then ended (subject, in the case of unaudited statements, to normal year-end audit adjustments). Except as set forth in the financial statements of the Company included in the SEC Documents, the Company has no liabilities, contingent or otherwise, other than (i) liabilities incurred in the ordinary course of business subsequent to June 30, 2026, and (ii) obligations under contracts and commitments incurred in the ordinary course of business and not required under generally accepted accounting principles to be reflected in such financial statements, which, individually or in the aggregate, are not material to the financial condition or operating results of the Company. The Company is subject to the reporting requirements of the 1934 Act.

i. Absence of Certain Changes. Since June 30, 2026, there has been no material adverse change and no material adverse development in the assets, liabilities, business, properties, operations, financial condition, results of operations, prospects or 1934 Act reporting status of the Company or any of its Subsidiaries, other than have been reported in the SEC Documents.

j. Absence of Litigation. There is no action, suit, claim, proceeding, inquiry or investigation before or by any court, public board, government agency, self-regulatory organization or body pending or, to the knowledge of the Company or any of its Subsidiaries, threatened against or affecting the Company or any of its Subsidiaries, or their officers or directors in their capacity as such, that could have a Material Adverse Effect. The SEC Documents contain a complete list and summary description of any pending or, to the knowledge of the Company, threatened proceeding against or affecting the Company or any of its Subsidiaries, without regard to whether it would have a Material Adverse Effect. The Company and its Subsidiaries are unaware of any facts or circumstances which might give rise to any of the foregoing.

k. Intellectual Property. The Company and each of its Subsidiaries owns or possesses the requisite licenses or rights to use all patents, patent applications, patent rights, inventions, know-how, trade secrets, trademarks, trademark applications, service marks, service names, trade names and copyrights ("Intellectual Property") necessary to enable it to conduct its business as now operated (and, as presently contemplated to be operated in the future); there is no claim or action by any person pertaining to, or proceeding pending, or to the Company's knowledge threatened, which challenges the right of the Company or of a Subsidiary with respect to any Intellectual Property necessary to enable it to conduct its business as now operated (and, as presently contemplated to be operated in the future); to the best of the Company's knowledge, the Company's or its Subsidiaries' current and intended products, services and processes do not infringe on any Intellectual Property or other rights held by any person; and the Company is unaware of any facts or circumstances which might give rise to any of the foregoing. The Company and each of its Subsidiaries have taken reasonable security measures to protect the secrecy, confidentiality and value of their Intellectual Property.

l. No Materially Adverse Contracts, Etc. Neither the Company nor any of its Subsidiaries is subject to any charter, corporate or other legal restriction, or any judgment, decree, order, rule or regulation which in the judgment of the Company's officers has or is expected in the future to have a Material Adverse Effect. Neither the Company nor any of its Subsidiaries is a party to any contract or agreement which in the judgment of the Company's officers has or is expected to have a Material Adverse Effect.

m. Tax Status. The Company and each of its Subsidiaries has made or filed all federal, state and foreign income and all other tax returns, reports and declarations required by any jurisdiction to which it is subject (unless and only to the extent that the Company and each of its Subsidiaries has set aside on its books provisions reasonably adequate for the payment of all unpaid and unreported taxes) and 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, except those being contested in good faith and has set aside on its books provisions reasonably adequate for the payment of all 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 know of no basis for any such claim. The Company has not executed a waiver with respect to the statute of limitations relating to the assessment or collection of any foreign, federal, state or local tax. None of the Company's tax returns is presently being audited by any taxing authority.

n. Transactions with Affiliates. Except for arm's length transactions pursuant to which the Company or any of its Subsidiaries makes payments in the ordinary course of business upon terms no less favorable than the Company or any of its Subsidiaries could obtain from third parties and other than the grant of stock options described in the SEC Documents, none of the officers, directors, or employees of the Company is presently a party to any transaction with the Company or any of its Subsidiaries (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, or otherwise requiring payments to or from any officer, director or such employee or, to the knowledge of the Company, any corporation, partnership, trust or other entity in which any officer, director, or any such employee has a substantial interest or is an officer, director, trustee or partner.

o. Disclosure. All information relating to or concerning the Company or any of its Subsidiaries set forth in this Agreement and provided to the Buyer pursuant to Section 2(d) hereof and otherwise in connection with the transactions contemplated hereby is true and correct in all material respects and the Company has not omitted to state any material fact necessary in order to make the statements made herein or therein, in light of the circumstances under which they were made, not misleading. No event or circumstance has occurred or exists with respect to the Company or any of its Subsidiaries or its or their business, properties, prospects, operations or financial conditions, which, under applicable law, rule or regulation, requires public disclosure or announcement by the Company but which has not been so publicly announced or disclosed (assuming for this purpose that the Company's reports filed under the 1934 Act are being incorporated into an effective registration statement filed by the Company under the 1933 Act).

p. Acknowledgment Regarding Buyer's Purchase of Securities. The Company acknowledges and agrees that the Buyer is acting solely in the capacity of arm's length purchaser with respect to this Agreement and the transactions contemplated hereby. The Company further acknowledges that the Buyer is not acting as a financial advisor or fiduciary of the Company (or in any similar capacity) with respect to this Agreement and the transactions contemplated hereby and any statement made by the Buyer or any of its respective representatives or agents in connection with this Agreement and the transactions contemplated hereby is not advice or a recommendation and is merely incidental to the Buyer's purchase of the Securities. The Company further represents to the Buyer that the Company's decision to enter into this Agreement has been based solely on the independent evaluation of the Company and its representatives.

q. No Integrated Offering. 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 in any security or solicited any offers to buy any security under circumstances that would require registration under the 1933 Act of the issuance of the Securities to the Buyer. The issuance of the Securities to the Buyer will not be integrated with any other issuance of the Company's securities (past, current or future) for purposes of any shareholder approval provisions applicable to the Company or its securities.

r. No Brokers; No Solicitation. Except with respect to the Placement Agent, the Company has taken no action which would give rise to any claim by any person for brokerage commissions, transaction fees or similar payments relating to this Agreement or the transactions contemplated hereby. The Company represents and warrants that neither the Buyer nor its employee(s), member(s), beneficial owner(s), or partner(s) solicited the Company to enter into this Agreement and consummate the transactions described in this Agreement. The Company represents and warrants that neither the Buyer nor its employee(s), member(s), beneficial owner(s), or partner(s) is required to be registered as a broker-dealer under the Securities Exchange Act of 1934 in order to (i) enter into or consummate the transactions encompassed by this Agreement, the Note, and the related transaction documents entered into in connection herewith (the "Transaction Documents"), (ii) fulfill the Buyer's obligations under the Transaction Documents, or (iii) exercise any of the Buyer's rights under the Transaction Documents (including but not limited to the sale of the Securities).

s. Permits; Compliance. The Company and each of its Subsidiaries is in possession of all franchises, grants, authorizations, licenses, permits, easements, variances, exemptions, consents, certificates, approvals and orders necessary to own, lease and operate its properties and to carry on its business as it is now being conducted (collectively, the "Company Permits"), and there is no action pending or, to the knowledge of the Company, threatened regarding suspension or cancellation of any of the Company Permits. Neither the Company nor any of its Subsidiaries is in conflict with, or in default or violation of, any of the Company Permits, except for any such conflicts, defaults or violations which, individually or in the aggregate, would not reasonably be expected to have a Material Adverse Effect. Since June 30, 2026, neither the Company nor any of its Subsidiaries has received any notification with respect to possible conflicts, defaults or violations of applicable laws, except for notices relating to possible conflicts, defaults or violations, which conflicts, defaults or violations would not have a Material Adverse Effect.

t. Environmental Matters.

(i) There are, to the Company's knowledge, with respect to the Company or any of its Subsidiaries or any predecessor of the Company, no past or present violations of Environmental Laws (as defined below), releases of any material into the environment, actions, activities, circumstances, conditions, events, incidents, or contractual obligations which may give rise to any common law environmental liability or any liability under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 or similar federal, state, local or foreign laws and neither the Company nor any of its Subsidiaries has received any notice with respect to any of the foregoing, nor is any action pending or, to the Company's knowledge, threatened in connection with any of the foregoing. The term "Environmental Laws" means all federal, state, local or foreign laws relating to pollution or protection of human health or the environment (including, without limitation, ambient air, surface water, groundwater, land surface or subsurface strata), including, without limitation, 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.

(ii) Other than those that are or were stored, used or disposed of in compliance with applicable law, no Hazardous Materials are contained on or about any real property currently owned, leased or used by the Company or any of its Subsidiaries, and no Hazardous Materials were released on or about any real property previously owned, leased or used by the Company or any of its Subsidiaries during the period the property was owned, leased or used by the Company or any of its Subsidiaries, except in the normal course of the Company's or any of its Subsidiaries' business.

(iii) There are no underground storage tanks on or under any real property owned, leased or used by the Company or any of its Subsidiaries that are not in compliance with applicable law.

u. Title to Property. The Company and its Subsidiaries have good and marketable title in fee simple to all real property and good and marketable title to all personal property owned by them which is material to the business of the Company and its Subsidiaries, in each case free and clear of all liens, encumbrances and defects except such as would not have a Material Adverse Effect. Any real property and facilities held under lease by the Company and its Subsidiaries are held by them under valid, subsisting and enforceable leases with such exceptions as would not have a Material Adverse Effect.

v. Insurance. The Company and each of its Subsidiaries are insured by insurers of recognized financial responsibility against such losses and risks and in such amounts as management of the Company believes to be prudent and customary in the businesses in which the Company and its Subsidiaries are engaged. Neither the Company nor any such 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 at a cost that would not have a Material Adverse Effect. Upon written request the Company will provide to the Buyer true and correct copies of all policies relating to directors' and officers' liability coverage, errors and omissions coverage, and commercial general liability coverage.

w. Internal Accounting Controls. The Company and each of its Subsidiaries maintain a system of internal accounting controls sufficient, in the judgment of the Company's board of directors, 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 generally accepted accounting principles 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.

x. Foreign Corrupt Practices. Neither the Company, nor any of its Subsidiaries, nor any director, officer, agent, employee or other person acting on behalf of the Company or any Subsidiary has, in the course of his actions for, or on behalf of, the Company, used any corporate funds for any unlawful contribution, gift, entertainment or other unlawful expenses relating to political activity; made any direct or indirect unlawful payment to any foreign or domestic government official or employee from corporate funds; violated or is in violation of any provision of the U.S. Foreign Corrupt Practices Act of 1977, as amended, or made any bribe, rebate, payoff, influence payment, kickback or other unlawful payment to any foreign or domestic government official or employee.

y. Solvency. The Company (after giving effect to the transactions contemplated by this Agreement) is solvent (i.e., its assets have a fair market value in excess of the amount required to pay its probable liabilities on its existing debts as they become absolute and matured) and currently the Company has no information that would lead it to reasonably conclude that the Company would not, after giving effect to the transaction contemplated by this Agreement, have the ability to, nor does it intend to take any action that would impair its ability to, pay its debts from time to time incurred in connection therewith as such debts mature. The Company's financial statements for its most recent fiscal year end and interim financial statements have been prepared assuming the Company will continue as a going concern, which contemplates the realization of assets and the satisfaction of liabilities in the normal course of business.

z. No Investment Company. The Company is not, and upon the issuance and sale of the Securities as contemplated by this Agreement will not be an "investment company" required to be registered under the Investment Company Act of 1940 (an "Investment Company"). The Company is not controlled by an Investment Company.

aa. No Off Balance Sheet Arrangements. There is no transaction, arrangement, or other relationship between the Company or any of its Subsidiaries and an unconsolidated or other off balance sheet entity that is required to be disclosed by the Company in its 1934 Act filings and is not so disclosed or that otherwise could be reasonably likely to have a Material Adverse Effect.

bb. No Disqualification Events. 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 1933 Act) connected with the Company in any capacity at the time of sale (each, an "Issuer Covered Person") is subject to any of the "Bad Actor" disqualifications described in Rule 506(d)(1)(i) to (viii) under the 1933 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.

cc. Manipulation of Price. 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, or that could reasonably be expected to cause or 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.

dd. Bank Holding Company Act. Neither the Company nor any of its Subsidiaries 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 (25%) 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.

ee. Illegal or Unauthorized Payments; Political Contributions. Neither the Company nor any of its Subsidiaries nor, to the Company's knowledge, any of the officers, directors, employees, agents or other representatives of the Company or any of its Subsidiaries or any other business entity or enterprise with which the Company or any Subsidiary is or has been affiliated or associated, has, directly or indirectly, made or authorized any payment, contribution or gift of money, property, or services, whether or not in contravention of applicable law, (i) as a kickback or bribe to any person or (ii) to any political organization, or the holder of or any aspirant to any elective or appointive public office except for personal political contributions not involving the direct or indirect use of funds of the Company or any of its Subsidiaries.

ff. Breach of Representations and Warranties by the Company. The Company agrees that if the Company breaches any of the representations or warranties set forth in this Section 3 and in addition to any other remedies available to the Buyer pursuant to this Agreement, it will be considered an Event of Default under Section 3.4 of the Note.

4. ADDITIONAL COVENANTS, AGREEMENTS AND ACKNOWLEDGEMENTS.

a. Best Efforts. The parties shall use their best efforts to satisfy timely each of the conditions described in Section 6 and 7 of this Agreement.

b. Form D; Blue Sky Laws. The Company agrees to file a Form D with respect to the Securities if required under Regulation D and to provide a copy thereof to the Buyer promptly after such filing. The Company shall, on or before the Closing Date, take such action as the Company shall reasonably determine is necessary to qualify the Securities for sale to the Buyer at the applicable closing pursuant to this Agreement under applicable securities or “blue sky” laws of the states of the United States (or to obtain an exemption from such qualification), and shall provide evidence of any such action so taken to the Buyer on or prior to the Closing Date.

c. Use of Proceeds. The Company shall use the Purchase Price for business development, pursuing a registered offering of Common Stock, acquisitions or similar transactions and general working capital, and not for any other purpose, including but not limited to (i) the repayment of any indebtedness owed to officers, directors or employees of the Company or their affiliates, (ii) the repayment of any debt issued in corporate finance transactions (including but not limited to promissory notes that have the ability to be converted into Common Stock), (iii) any loan to or investment in any other corporation, partnership, enterprise or other person (except in connection with the Company’s currently existing operations), (iv) any loan, credit, or advance to any officers, directors, employees, or affiliates of the Company, or (v) in violation or contravention of any applicable law, rule or regulation.

d. [Intentionally Omitted]

e. 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 the Buyer in order to enforce any right or remedy under this Agreement, the Note and any document, agreement or instrument contemplated thereby. Notwithstanding any provision to the contrary contained in this Agreement, the Note and any document, agreement or instrument contemplated thereby, it is expressly agreed and provided that the total liability of the Company under this Agreement, the Note or any document, agreement or instrument contemplated thereby for payments which under applicable law are 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 which under applicable law in the nature of interest that the Company may be obligated to pay under this Agreement, the Note and any document, agreement or instrument contemplated thereby exceed such Maximum Rate. It is agreed that if the maximum contract rate of interest allowed by law applicable to this Agreement, the Note and any document, agreement or instrument contemplated thereby 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 this Agreement, the Note and any document, agreement or instrument contemplated thereby 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 the Buyer with respect to indebtedness evidenced by this Agreement, the Note and any document, agreement or instrument contemplated thereby, such excess shall be applied by the Buyer to the unpaid principal balance of any such indebtedness or be refunded to the Company, the manner of handling such excess to be at the Buyer’s election.

f. Restriction on Activities. Beginning on the date of this Agreement and continuing until the Note is repaid or converted in full, the Company shall not, directly or indirectly, without the Buyer’s prior written consent, which consent shall not be unreasonably withheld: (a) change the nature of its business; or (b) sell, divest, acquire, change the structure of any material assets other than in the ordinary course of business.

g. Listing. The Company will, so long as the Buyer owns any of the Securities, maintain the listing and trading of its Common Stock on the Principal Market or any equivalent replacement exchange or electronic quotation system (including but not limited to the Pink Sheets electronic quotation system) and will comply in all respects with the Company's reporting, filing and other obligations under the bylaws or rules of the Financial Industry Regulatory Authority ("FINRA") and such exchanges, as applicable. The Company shall promptly provide to the Buyer copies of any notices it receives from the Principal Market and any other exchanges or electronic quotation systems on which the Common Stock is then traded regarding the continued eligibility of the Common Stock for listing on such exchanges and quotation systems.

h. Corporate Existence. The Company will, so long as the Buyer beneficially owns any of the Securities, maintain its corporate existence and shall not sell all or substantially all of the Company's assets, except in the event of a merger or consolidation with the written consent of the Buyer or sale of all or substantially all of the Company's assets with the written consent of the Buyer, where the surviving or successor entity in such transaction (i) assumes the Company's obligations hereunder and under the agreements and instruments entered into in connection herewith and (ii) is a publicly traded corporation whose Common Stock is listed for trading or quotation on the Principal Market, any tier of the NASDAQ Stock Market, the New York Stock Exchange or the NYSE American.

i. No Integration. The Company shall not make any offers or sales of any security (other than the Securities) under circumstances that would require registration of the Securities being offered or sold hereunder under the 1933 Act or cause the offering of the Securities to be integrated with any other offering of securities by the Company for the purpose of any stockholder approval provision applicable to the Company or its securities.

j. Compliance with 1934 Act; Public Information Failures. For so long as the Buyer beneficially owns the Note or any Conversion Shares, the Company shall comply with the reporting requirements of the 1934 Act; and the Company shall continue to be subject to the reporting requirements of the 1934 Act. During the period that the Buyer beneficially owns the Note or any Conversion Shares, if the Company shall (i) fail for any reason to satisfy the requirements of Rule 144(c)(1), including, without limitation, the failure to satisfy the current public information requirements under Rule 144(c) or (ii) if the Company has ever been an issuer described in Rule 144(i)(1)(i) or becomes such an issuer in the future, and the Company shall fail to satisfy any condition set forth in Rule 144(i)(2) (each, a "Public Information Failure") then, as partial relief for the damages to the Buyer by reason of any such delay in or reduction of its ability to sell the Securities (which remedy shall not be exclusive of any other remedies available pursuant to this Agreement, the Note, or at law or in equity), the Company shall pay to the Buyer an amount in cash equal to three percent (3%) of the Purchase Price on each of the day of a Public Information Failure and on every thirtieth day (pro rated for periods totaling less than thirty days) thereafter until the date such Public Information Failure is cured. The payments to which a holder shall be entitled pursuant to this Section 4(j) 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 (iii) the third 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 5% per month (prorated for partial months) until paid in full.

k. [Intentionally Omitted].

l. Legal Counsel Opinions. Upon the reasonable request of the Buyer from to time to time, the Company shall be responsible (at its cost) for promptly supplying to the Company's transfer agent and the Buyer a customary legal opinion letter of its counsel (the "Legal Counsel Opinion") to the effect that the resale of the Conversion Shares by the Buyer or its affiliates, successors and assigns is exempt from the registration requirements of the 1933 Act pursuant to Rule 144 (provided the requirements of Rule 144 are satisfied and provided the Conversion Shares are not then registered under the 1933 Act for resale pursuant to an effective registration statement) or other applicable exemption (provided the requirements of such other applicable exemption are satisfied). In addition, the Buyer may (at the Company's cost) at any time secure its own legal counsel to issue the Legal Counsel Opinion, and the Company will instruct its transfer agent to accept such opinion.

m. Piggy-Back Registration Rights. The Company hereby grants to the Buyer the piggy-back registration rights set forth in Exhibit B hereto.

n. Most Favored Nation. While the Note or any principal amount, interest or fees or expenses due thereunder remain outstanding and unpaid, the Company shall not enter into any public or private offering of its securities (including securities convertible into shares of Common Stock) with any individual or entity (an "Other Investor") that has the effect of establishing rights or otherwise benefiting such Other Investor in a manner more favorable in any material respect to such Other Investor (even if the Other Investor does not receive the benefit of such more favorable term until a default occurs under such other security) than the rights and benefits established in favor of the Buyer by this Agreement or the Note unless, in any such case, the Buyer has been provided with such rights and benefits pursuant to a definitive written agreement or agreements between the Company and the Buyer.

o. Subsequent Variable Rate Transactions. From the date hereof until such time as the Note is fully converted or fully repaid, the Company shall not, without the Buyer's prior written consent, which consent shall not be unreasonably withheld, effect or enter into an agreement 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 any agreement, including, but not limited to, an Equity Line of Credit (as defined in the Note), whereby the Company may issue securities at a future determined price. The Buyer shall be entitled to obtain injunctive relief against the Company to preclude any such issuance, which remedy shall be in addition to any right to collect damages.

p. Non-Public Information. The Company covenants and agrees that neither it, nor any other person acting on its behalf will provide the Buyer or its agents or counsel with any information that constitutes, or the Company reasonably believes constitutes, material non-public information, unless prior thereto the Buyer shall have consented to the receipt of such information and agreed with the Company to keep such information confidential. The Company understands and confirms that the Buyer shall be relying on the foregoing covenant in effecting transactions in securities of the Company. To the extent that the Company delivers any material, non-public information to the Buyer without such Buyer's consent, the Company hereby covenants and agrees that such Buyer shall not have any duty of confidentiality to the Company, any of its Subsidiaries, or any of their respective officers, directors, agents, employees or affiliates, not to trade on the basis of, such material, non- public information, provided that the Buyer shall remain subject to applicable law. To the extent that any notice provided, information provided, or any other communications made by the Company, to the Buyer, constitutes or contains material non-public information regarding the Company or any Subsidiaries, the Company shall simultaneously file such notice or other material information with the SEC pursuant to a Current Report on Form 8-K. In addition to any other remedies provided by this Agreement or the related transaction documents, if the Company provides any material non-public information to the Buyer without their prior written consent, and it fails to immediately (no later than that business day) file a Form 8-K disclosing this material non-public information, it shall pay the Buyer as partial liquidated damages and not as a penalty a sum equal to \$3,000 per day beginning with the day the information is disclosed to the Buyer and ending and including the day the Form 8-K disclosing this information is filed.

q. D&O Insurance. Within 60 calendar days of the Closing, the Company shall purchase director and officer insurance on behalf of the Company's (including its subsidiary) officers and directors for a period of 9 months after the Closing with respect to any losses, claims, damages, liabilities, costs and expense in connection with any actual or threatened claim or proceeding that is based on, or arises out of their status as a director or officer of the Company. The insurance policy shall provide for two years of tail coverage.

r. [Intentionally Omitted].

s. No Broker-Dealer Acknowledgement. Absent a final adjudication from a court of competent jurisdiction stating otherwise, the Company shall not to any person, institution, governmental or other entity, state, claim, allege, or in any way assert, that Buyer is currently, or ever has been, a broker-dealer under the Securities Exchange Act of 1934.

t. [Intentionally Omitted].

u. Amendment of Prior Transactions. The Company shall not amend or alter the provisions or terms of any debt or Common Stock Equivalents (including but not limited to any warrants exercisable into Common Stock and promissory notes convertible into Common Stock) of the Company issued on or prior to the date of this Agreement without the express written consent of the Buyer.

v. Breach of Covenants. The Company acknowledges and agrees that if the Company breaches any of the covenants set forth in this Section 4, in addition to any other remedies available to the Buyer pursuant to this Agreement, it will be considered an Event of Default under Section 3.3 of the Note.

5. Transfer Agent Instructions. The Company shall issue irrevocable instructions to the Company's transfer agent to issue certificates and/or issue shares electronically at the Buyer's option, registered in the name of the Buyer or its nominee, upon conversion of the Note, the Conversion Shares, in such amounts as specified from time to time by the Buyer to the Company in accordance with the terms thereof (the "Irrevocable Transfer Agent Instructions"). In the event that the Company proposes to replace its transfer agent, the Company shall provide, prior to the effective date of such replacement, a fully executed Irrevocable Transfer Agent Instructions in a form as initially delivered pursuant to this Agreement (including but not limited to the provision to irrevocably reserved shares of Common Stock in the Reserved Amount (as defined in the Note)) signed by the successor transfer agent to the Company and the Company. Prior to registration of the Conversion Shares under the 1933 Act or the date on which the Conversion Shares may be sold pursuant to Rule 144, Rule 144A, Regulation S, or other applicable exemption without any restriction as to the number of Securities as of a particular date that can then be immediately sold, all such certificates or book entry shares shall bear the restrictive legend specified in Section 2(g) of this Agreement. The Company warrants that: (i) no instruction other than the Irrevocable Transfer Agent Instructions referred to in this Section 5 will be given by the Company to its transfer agent and that the Securities shall otherwise be freely transferable on the books and records of the Company as and to the extent provided in this Agreement and the Note; (ii) it will not direct its transfer agent not to transfer or delay, impair, and/or hinder its transfer agent in transferring (or issuing)(electronically or in certificated form) any certificate for Securities to be issued to the Buyer upon conversion of or otherwise pursuant to the Note as and when required by the Note and this Agreement; (iii) it will not fail to remove (or directs its transfer agent not to remove or impairs, delays, and/or hinders its transfer agent from removing) any restrictive legend (or to withdraw any stop transfer instructions in respect thereof) on any certificate for any Securities issued to the Buyer upon conversion of or otherwise pursuant to the Note as and when required by the Note and/or this Agreement and (iv) it will provide any required corporate resolutions and issuance approvals to its transfer agent within 6 hours of each conversion of the Note. Nothing in this Section shall affect in any way the Buyer's obligations and agreement set forth in Section 2(g) hereof to comply with all applicable prospectus delivery requirements, if any, upon re-sale of the Securities. If the Buyer provides the Company, at the cost of the Company, with (i) an opinion of counsel in form, substance and scope customary for opinions in comparable transactions, to the effect that a public sale or transfer of such Securities may be made without registration under the 1933 Act and such sale or transfer is effected or (ii) the Buyer provides reasonable assurances that the Securities can be sold pursuant to 144, Rule 144A, Regulation S, or other applicable exemption, the Company shall permit the transfer, and, in the case of the Securities, promptly instruct its transfer agent to issue one or more certificates, free from restrictive legend, in such name and in such denominations as specified by the Buyer. The Company acknowledges that a breach by it of its obligations hereunder will cause irreparable harm to the Buyer, by vitiating the intent and purpose of the transactions contemplated hereby. Accordingly, the Company acknowledges that the remedy at law for a breach of its obligations under this Section 5 may be inadequate and agrees, in the event of a breach or threatened breach by the Company of the provisions of this Section, that the Buyer shall be entitled, in addition to all other available remedies, to an injunction restraining any breach and requiring immediate transfer, without the necessity of showing economic loss and without any bond or other security being required.

6. Conditions to the Company's Obligation to Sell. The obligation of the Company hereunder to issue and sell the Note to the Buyer at the Closing is subject to the satisfaction, at or before the Closing Date, of each of the following conditions thereto, provided that these conditions are for the Company's sole benefit and may be waived by the Company at any time in its sole discretion:

a. The Buyer shall have executed this Agreement and delivered the same to the Company.

b. The Buyer shall have delivered the Purchase Price in accordance with Section 1(b) above.

c. The representations and warranties of the Buyer shall be true and correct in all material respects as of the date when made and as of the Closing Date, as though made at that time (except for representations and warranties that speak as of a specific date), and the Buyer shall have performed, satisfied and complied in all material respects with the covenants, agreements and conditions required by this Agreement to be performed, satisfied or complied with by the Buyer at or prior to the Closing Date.

d. No litigation, statute, rule, regulation, executive order, decree, ruling or injunction shall have been enacted, entered, promulgated or endorsed by or in any court or governmental authority of competent jurisdiction or any self-regulatory organization having authority over the matters contemplated hereby which prohibits the consummation of any of the transactions contemplated by this Agreement.

7. Conditions to The Buyer's Obligation to Purchase. The obligation of the Buyer hereunder to purchase the Note, on the Closing Date, is subject to the satisfaction, at or before the Closing Date, of each of the following conditions, provided that these conditions are for the Buyer's sole benefit and may be waived by the Buyer at any time in its sole discretion:

a. The Company shall have executed this Agreement and delivered the same to the Buyer.

b. The Company shall have delivered to the Buyer the duly executed Note in such denominations as the Buyer shall request and in accordance with Section 1(b) above.

c. The Irrevocable Transfer Agent Instructions, in form and substance satisfactory to the Buyer, shall have been delivered to and acknowledged in writing by the Company's Transfer Agent.

d. The representations and warranties of the Company shall be true and correct in all material respects as of the date when made and as of Closing Date, as though made at such time (except for representations and warranties that speak as of a specific date) and the Company shall have performed, satisfied and complied in all material respects with the covenants, agreements and conditions required by this Agreement to be performed, satisfied or complied with by the Company at or prior to the Closing Date.

e. No litigation, statute, rule, regulation, executive order, decree, ruling or injunction shall have been enacted, entered, promulgated or endorsed by or in any court or governmental authority of competent jurisdiction or any self-regulatory organization having authority over the matters contemplated hereby which prohibits the consummation of any of the transactions contemplated by this Agreement.

f. No event shall have occurred which could reasonably be expected to have a Material Adverse Effect on the Company including but not limited to a change in the 1934 Act reporting status of the Company or the failure of the Company to be timely in its 1934 Act reporting obligations.

g. Trading in the Common Stock on the Principal Market shall not have been suspended by the SEC, FINRA or the Principal Market.

h. The Company shall have delivered to the Buyer (i) a certificate evidencing the formation and good standing of the Company and each of its Subsidiaries in such entity's jurisdiction of formation issued by the Secretary of State (or comparable office) of such jurisdiction, as of a date within ten (10) days of the Closing Date and (ii) resolutions adopted by the Company's Board of Directors at a duly called meeting or by unanimous written consent authorizing this Agreement and all other documents, instruments and transactions contemplated hereby.

8. Governing Law; Miscellaneous.

a. Arbitration of Claims; Governing Law; Venue. The Company and Buyer shall submit all Claims (as defined in Exhibit C of this Purchase Agreement) (the "Claims") arising under this Agreement or any other agreement between the Company and Buyer or their respective affiliates (including but not limited to the Transaction Documents) or any Claim relating to the relationship of the Company and Buyer or their respective affiliates to binding arbitration pursuant to the arbitration provisions set forth in Exhibit C of the Purchase Agreement (the "Arbitration Provisions"). The Company and Buyer hereby acknowledge and agree that the Arbitration Provisions are unconditionally binding on the Company and Buyer hereto and are severable from all other provisions of this Agreement. By executing this Agreement, Company represents, warrants and covenants that Company has reviewed the Arbitration Provisions carefully, consulted with legal counsel about such provisions (or waived its right to do so), understands that the Arbitration Provisions are intended to allow for the expeditious and efficient resolution of any dispute hereunder, agrees to the terms and limitations set forth in the Arbitration Provisions, and that Company will not take a position contrary to the foregoing representations. Company acknowledges and agrees that Buyer may rely upon the foregoing representations and covenants of Company regarding the Arbitration Provisions. This Agreement shall be construed and enforced in accordance with, and all questions concerning the construction, validity, interpretation and performance of this Agreement shall be governed by, the internal laws of the State of Delaware, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of Delaware or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of Delaware. The Company and Buyer consent to and expressly agree that the exclusive venue for arbitration of any Claims arising under this Agreement or any other agreement between the Company and Buyer or their respective affiliates (including but not limited to the Transaction Documents) or any Claim relating to the relationship of the Company and Buyer or their respective affiliates shall be in the State of Delaware. Without modifying the Company's and Buyer's mandatory obligations to resolve disputes hereunder pursuant to the Arbitration Provisions, for any litigation arising in connection with any of the Transaction Documents (and notwithstanding the terms (specifically including any governing law and venue terms) of any transfer agent services agreement or other agreement between the Company's transfer agent and the Company, such litigation specifically includes, without limitation any action between or involving Company and the Company's transfer agent under the Irrevocable Transfer Agent Instructions or otherwise related to Buyer in any way (specifically including, without limitation, any action where Company seeks to obtain an injunction, temporary restraining order, or otherwise prohibit the Company's transfer agent from issuing shares of Common Stock to Buyer for any reason)), each party hereto hereby (i) consents to and expressly submits to the exclusive personal jurisdiction of any state or federal court sitting in the State of Delaware, (ii) expressly submits to the exclusive venue of any such court for the purposes hereof, (iii) agrees to not bring any such action (specifically including, without limitation, any action where Company seeks to obtain an injunction, temporary restraining order, or otherwise prohibit the Company's transfer agent from issuing shares of Common Stock to Buyer for any reason) outside of any state or federal court sitting in the State of Delaware, and (iv) waives any claim of improper venue and any claim or objection that such courts are an inconvenient forum or any other claim, defense or objection to the bringing of any such proceeding in such jurisdiction or to any claim that such venue of the suit, action or proceeding is improper. Notwithstanding anything in the foregoing to the contrary, nothing herein shall limit, or shall be deemed or construed to limit, the ability of the Buyer to realize on any collateral or any other security, or to enforce a judgment or other court ruling in favor of the Buyer, including through a legal action in any court of competent jurisdiction. The Company hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any objection to jurisdiction and venue of any action instituted hereunder, any claim that it is not personally subject to the jurisdiction of any such court, and any claim that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper (including but not limited to based upon *forum non conveniens*). **THE COMPANY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION WITH OR ARISING OUT OF THIS AGREEMENT OR ANY TRANSACTIONS CONTEMPLATED HEREBY.** The Company irrevocably waives personal service of process and consents to process being served in any suit, action or proceeding in connection with this Agreement or any other agreement, certificate, instrument or document contemplated hereby or thereby by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to Company 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. The prevailing party in any action or dispute brought in connection with this Agreement or any other agreement, certificate, instrument or document contemplated hereby or thereby shall be entitled to recover from the other party its reasonable attorney's fees and costs. If any provision of this Agreement shall be invalid or unenforceable in any jurisdiction, such invalidity or unenforceability shall not affect the validity or enforceability of the remainder of this Agreement in that jurisdiction or the validity or enforceability of any provision of this Agreement in any other jurisdiction.

b. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original but all of which shall constitute one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to the other party. A facsimile or .pdf signature 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, not a facsimile or .pdf signature. Delivery of a counterpart signature hereto by facsimile or email/.pdf transmission shall be deemed validly delivery thereof.

c. Construction; Headings. This Agreement shall be deemed to be jointly drafted by the Company and the Buyer and shall not be construed against any person as the drafter hereof. The headings of this Agreement are for convenience of reference only and shall not form part of, or affect the interpretation of, this Agreement.

d. Severability. In the event that any provision of this Agreement, the Note, or any other agreement or instrument delivered in connection herewith is invalid or unenforceable under any applicable statute or rule of law, then such provision shall be deemed inoperative to the extent that it may conflict therewith and shall be deemed modified to conform with such statute or rule of law. Any such provision which may prove invalid or unenforceable under any law shall not affect the validity or enforceability of any other provision of this Agreement, the Note, or any other agreement, certificate, instrument or document contemplated hereby or thereby.

e. Entire Agreement; Amendments. This Agreement, the Note, and the instruments referenced herein contain the entire understanding of the parties with respect to the matters covered herein and therein and, except as specifically set forth herein or therein, neither the Company nor the Buyer makes any representation, warranty, covenant or undertaking with respect to such matters. No provision of this Agreement or any agreement or instrument contemplated hereby may be waived or amended other than by an instrument in writing signed by the Buyer.

f. Notices. All notices, demands, requests, consents, approvals, and other communications required or permitted hereunder shall be in writing and, unless otherwise specified herein, shall be

(i) personally served, (ii) deposited in the mail, registered or certified, return receipt requested, postage prepaid, (iii) delivered by reputable air courier service with charges prepaid, or (iv) transmitted by hand delivery, telegram, e-mail or facsimile, addressed as set forth below or to such other address as such party shall have specified most recently by written notice. Any notice or other communication required or permitted to be given hereunder shall be deemed effective (a) upon hand delivery or delivery by e-mail or facsimile, with accurate confirmation generated by the transmitting facsimile machine, 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 addresses for such communications shall be:

If to the Company, to:

NUVVE HOLDING CORP.
2488 Historic Decatur Road, Suite 230
San Diego, CA 92106
Attention: Gregory Poilasne
e-mail:

with a copy to:

Baker & Hostetler LLP
1900 Avenue of the Stars, Suite 2700
Los Angeles, CA 90067
Attention: Alan A. Lanis, Jr.
e-mail:

If to the Buyer:

FIRSTFIRE GLOBAL OPPORTUNITIES FUND, LLC
1040 First Avenue, Suite 190
New York, NY 10022
e-mail:

g. Successors and Assigns. This Agreement shall be binding upon and inure to the benefit of the parties and their successors and assigns. The Company shall not assign this Agreement or any rights or obligations hereunder without the prior written consent of the Buyer. The Buyer may assign its rights hereunder to any "accredited investor" (as defined in Rule 501(a) of the 1933 Act) in a private transaction from the Buyer or to any of its "affiliates," as that term is defined under the 1934 Act, without the consent of the Company.

h. Third Party Beneficiaries. This Agreement is intended for the benefit of the parties hereto and their respective permitted successors and assigns, and is not for the benefit of, nor may any provision hereof be enforced by, any other person.

i. Survival. The representations and warranties of the Company and the agreements and covenants set forth in this Agreement shall survive the closing hereunder notwithstanding any due diligence investigation conducted by or on behalf of the Buyer. The Company agrees to indemnify and hold harmless the Buyer and all their officers, directors, employees and agents for loss or damage arising as a result of or related to any breach or alleged breach by the Company of any of its representations, warranties and covenants set forth in this Agreement or any of its covenants and obligations under this Agreement, including advancement of expenses as they are incurred.

j. Publicity. The Company, and the Buyer shall have the right to review a reasonable period of time before issuance of any press releases, SEC, Principal Market or FINRA filings, or any other public statements with respect to the transactions contemplated hereby; provided, however, that the Company shall be entitled, without the prior approval of the Buyer, to make any press release or SEC, Principal Market (or other applicable trading market) or FINRA filings with respect to such transactions as is required by applicable law and regulations (although the Buyer shall be consulted by the Company in connection with any such press release prior to its release and shall be provided with a copy thereof and be given an opportunity to comment thereon).

k. Further Assurances. Each party shall do and perform, or cause to be done and performed, all such further acts and things, and shall execute and deliver all such other agreements, certificates, instruments and documents, as the other party may reasonably request in order to carry out the intent and accomplish the purposes of this Agreement and the consummation of the transactions contemplated hereby.

l. No Strict Construction. The language used in this Agreement will be deemed to be the language chosen by the parties to express their mutual intent, and no rules of strict construction will be applied against any party.

m. Indemnification. In consideration of the Buyer's execution and delivery of this Agreement and acquiring the Securities hereunder, and in addition to all of the Company's other obligations under this Agreement or the Note, the Company shall defend, protect, indemnify and hold harmless the Buyer and its stockholders, partners, members, officers, directors, employees and direct or indirect investors and any of the foregoing persons' agents or other representatives (including, without limitation, those retained in connection with the transactions contemplated by this Agreement) (collectively, the "Indemnitees") from and against any and all actions, causes of action, suits, claims, losses, costs, penalties, fees, liabilities and damages, and expenses in connection therewith (irrespective of whether any such Indemnatee is a party to the action for which indemnification hereunder is sought), and including reasonable attorneys' fees and disbursements (the "Indemnified Liabilities"), incurred by any Indemnatee as a result of, or arising out of, or relating to (a) any misrepresentation or breach of any representation or warranty made by the Company in this Agreement, the Note or any other agreement, certificate, instrument or document contemplated hereby or thereby, (b) any breach of any covenant, agreement or obligation of the Company contained in this Agreement, the Note or any other agreement, certificate, instrument or document contemplated hereby or thereby or (c) any cause of action, suit or claim brought or made against such Indemnatee by a third party (including for these purposes a derivative action brought on behalf of the Company) and arising out of or resulting from (i) the execution, delivery, performance or enforcement of this Agreement, the Note or any other agreement, certificate, instrument or document contemplated hereby or thereby, (ii) any transaction financed or to be financed in whole or in part, directly or indirectly, with the proceeds of the issuance of the Securities, or (iii) the status of the Buyer or holder of the Securities as an investor in the Company pursuant to the transactions contemplated by this Agreement. To the extent that the foregoing undertaking by the Company may be unenforceable for any reason, the Company shall make the maximum contribution to the payment and satisfaction of each of the Indemnified Liabilities that is permissible under applicable law.

n. Remedies. The Company acknowledges that a breach by it of its obligations hereunder will cause irreparable harm to the Buyer by vitiating the intent and purpose of the transaction contemplated hereby. Accordingly, the Company acknowledges that the remedy at law for a breach of its obligations under this Agreement, the Note, or any other agreement, certificate, instrument or document contemplated hereby or thereby will be inadequate and agrees, in the event of a breach or threatened breach by the Company of the provisions of this Agreement, the Note, or any other agreement, certificate, instrument or document contemplated hereby or thereby, that the Buyer shall be entitled, in addition to all other available remedies at law or in equity, and in addition to the penalties assessable herein, to an injunction or injunctions restraining, preventing or curing any breach of this Agreement, the Note, or any other agreement, certificate, instrument or document contemplated hereby or thereby, and to enforce specifically the terms and provisions hereof and thereof, without the necessity of showing economic loss and without any bond or other security being required.

o. Payment Set Aside. To the extent that the (i) Company makes a payment or payments to the Buyer hereunder, pursuant to the Note, or pursuant to any other agreement, certificate, instrument or document contemplated hereby or thereby, or (ii) the Buyer enforces or exercises its rights hereunder, pursuant to the Note, or pursuant to any other agreement, certificate, instrument or document contemplated hereby or thereby, and such payment or payments or the proceeds of such enforcement or exercise or any part thereof (including but not limited to the sale of the Securities) are for any reason (i) subsequently invalidated, declared to be fraudulent or preferential, set aside, recovered from, or disgorged by the Buyer, or (ii) are required to be refunded, repaid or otherwise restored to the Company, a trustee, receiver, government entity, or any other person or entity under any law (including, without limitation, any bankruptcy law, foreign, state or federal law, common law or equitable cause of action), then (i) 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 and (ii) the Company shall immediately pay to the Buyer a dollar amount equal to the amount that was for any reason (i) subsequently invalidated, declared to be fraudulent or preferential, set aside, recovered from, or disgorged by the Buyer, or (ii) required to be refunded, repaid or otherwise restored to the Company, a trustee, receiver, government entity, or any other person or entity under any law (including, without limitation, any bankruptcy law, foreign, state or federal law, common law or equitable cause of action).

p. Failure or Indulgence Not Waiver. No failure or delay on the part of the Buyer 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 exercise thereof or of any other right, power or privileges. All rights and remedies of the Buyer existing hereunder are cumulative to, and not exclusive of, any rights or remedies otherwise available.

q. Electronic Signature. This Agreement may be executed and delivered in one or more counterparts (including by facsimile or electronic mail or in .pdf or any other form of electronic delivery (including any electronic signature complying with U.S. federal ESIGN Act of 2000)) and by different parties in separate counterparts, with the same effect as if all parties hereto had signed the same document. All counterparts so executed and delivered shall be construed together and shall constitute one and the same agreement.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned Buyer and the Company have caused this Agreement to be duly executed as of the date first above written.

NUVVE HOLDING CORP.

By: /s/ Gregory Poilasne

Name: GREGORY POILASNE

Title: CHIEF EXECUTIVE OFFICER

FIRSTFIRE GLOBAL OPPORTUNITIES FUND, LLC

By: FirstFire Capital Management LLC, its manager

By: /s/ Eli Fireman

Name: ELI FIREMAN

Title: AUTHORIZED SIGNATORY

EXHIBIT A
FORM OF NOTE

EXHIBIT B

PIGGY-BACK REGISTRATION RIGHTS

All of the Conversion Shares shall be deemed “Registrable Securities” subject to the provisions of this Exhibit B. All capitalized terms used but not defined in this Exhibit B shall have the meanings ascribed to such terms in the Securities Purchase Agreement to which this Exhibit is attached.

1. Piggy-Back Registration.

1.1 Piggy-Back Rights. If at any time on or after the date of the Closing the Company proposes to file any Registration Statement under the 1933 Act (a “Registration Statement”) with respect to any offering of equity securities, or securities or other obligations exercisable or exchangeable for, or convertible into, equity securities, by the Company for its own account or for shareholders of the Company for their account (or by the Company and by shareholders of the Company), other than a Registration Statement (i) filed in connection with any employee stock option or other benefit plan on Form S-8, (ii) for a dividend reinvestment plan or (iii) in connection with a merger or acquisition, then the Company shall (x) give written notice of such proposed filing to the holders of Registrable Securities appearing on the books and records of the Company as such a holder as soon as practicable but in no event less than ten (10) days before the anticipated filing date of the Registration Statement, which notice shall describe the amount and type of securities to be included in such Registration Statement, the intended method(s) of distribution, and the name of the proposed managing underwriter or underwriters, if any, of the offering, and (y) offer to the holders of Registrable Securities in such notice the opportunity to register the sale of such number of Registrable Securities as such holders may request in writing within three (3) days following receipt of such notice (a “Piggy-Back Registration”). The Company shall cause such Registrable Securities to be included in such registration and shall cause the managing underwriter or underwriters of a proposed underwritten offering to permit the Registrable Securities requested to be included in a Piggy-Back Registration on the same terms and conditions as any similar securities of the Company and to permit the sale or other disposition of such Registrable Securities in accordance with the intended method(s) of distribution thereof (with the understanding that the Company shall file the initial prospectus covering the Buyer’s sale of the Registrable Securities at prevailing market prices on the same date that the Registration Statement is declared effective by the SEC).

1.2 Withdrawal. Any holder of Registrable Securities may elect to withdraw such holder’s request for inclusion of Registrable Securities in any Piggy-Back Registration by giving written notice to the Company of such request to withdraw prior to the effectiveness of the Registration Statement. The Company (whether on its own determination or as the result of a withdrawal by persons making a demand pursuant to written contractual obligations) may withdraw a Registration Statement at any time prior to the effectiveness of such Registration Statement. Notwithstanding any such withdrawal, the Company shall pay all expenses incurred by the holders of Registrable Securities in connection with such Piggy-Back Registration as provided in Section 1.5 below.

1.3 The Company shall notify the holders of Registrable Securities at any time when a prospectus relating to such holder’s Registrable Securities is required to be delivered under the 1933 Act, upon discovery that, or upon the happening of any event as a result of which, the prospectus included in such Registration Statement, as then in effect, includes an untrue statement of a material fact or omits to state any material fact required to be stated therein or necessary to make the statements therein not misleading in light of the circumstances then existing. At the request of such holder, the Company shall also prepare, file and furnish to such holder a reasonable number of copies of a supplement to or an amendment of such prospectus as may be necessary so that, as thereafter delivered to the purchasers of the Registrable Securities, such prospectus shall not include 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 not misleading in light of the circumstances then existing. The holders of Registrable Securities shall not to offer or sell any Registrable Securities covered by the Registration Statement after receipt of such notification until the receipt of such supplement or amendment.

1.4 The Company may request a holder of Registrable Securities to furnish the Company such information with respect to such holder and such holder's proposed distribution of the Registrable Securities pursuant to the Registration Statement as the Company may from time to time reasonably request in writing or as shall be required by law or by the SEC in connection therewith, and such holders shall furnish the Company with such information.

1.5 All fees and expenses incident to the performance of or compliance with this Exhibit B 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 SEC, (B) with respect to filings required to be made with any trading market on which the Common Stock is then listed for trading, (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) and (D) with respect to any filing that may be required to be made by any broker through which a holder of Registrable Securities intends to make sales of Registrable Securities with the FINRA, (ii) printing expenses, (iii) messenger, telephone and delivery expenses, (iv) fees and disbursements of counsel for the Company, (v) 1933 Act liability insurance, if the Company so desires such insurance, (vi) fees and expenses of all other persons or entities retained by the Company in connection with the consummation of the transactions contemplated by this Exhibit B and (vii) reasonable fees and disbursements of a single special counsel for the holders of Registrable Securities (selected by holders of the majority of the Registrable Securities requesting such registration). 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 of Registrable Securities.

1.6 The Company and its successors and assigns shall indemnify and hold harmless the Buyer, each holder of Registrable Securities, the officers, directors, members, partners, agents and employees (and any other individuals or entities 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 individual or entity who controls the Buyer or any such holder of Registrable Securities (within the meaning of Section 15 of the 1933 Act or Section 20 of the 1934 Act) and the officers, directors, members, stockholders, partners, agents and employees (and any other individuals or entities 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 individual or entity (each, an "Indemnified 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 (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 related 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 such 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 1933 Act, the 1934 Act or any state securities law, or any rule or regulation thereunder, in connection with the performance of its obligations under this Exhibit B, except to the extent, but only to the extent, that (i) such untrue statements or omissions are based upon information regarding the Buyer or such holder of Registrable Securities furnished to the Company by such party for use therein. The Company shall notify the Buyer and each holder of Registrable Securities promptly of the institution, threat or assertion of any proceeding arising from or in connection with the transactions contemplated by this Exhibit B of which the Company is aware.

1.7 If the indemnification under Section 1.6 is unavailable to an Indemnified Party or insufficient to hold an Indemnified Party harmless for any Losses, then the Company 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 Company 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 the Company 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, the Company or the 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 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 Section 1.6 was available to such party in accordance with its terms. It is agreed that it would not be just and equitable if contribution pursuant to this Section 1.7 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 sentence. Notwithstanding the provisions of this Section 1.7, neither the Buyer nor any holder of Registrable Securities shall be required to contribute, in the aggregate, any amount in excess of the amount by which the net proceeds actually received by such party from the sale of all of their Registrable Securities pursuant to such Registration Statement or related prospectus exceeds the amount of any damages that such party has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission.

[End of Exhibit B]

EXHIBIT C
ARBITRATION PROVISIONS

SECURITIES EXCHANGE AND AMENDMENT AGREEMENT

This **SECURITIES EXCHANGE AND AMENDMENT AGREEMENT** (this “**Agreement**”) is made effective as of September 10, 2026, by and between Nuvve Holding Corp. (the “**Company**”) and the investors listed on the signature pages hereto (each, a “**Holder**” and collectively, the “**Holders**”).

RECITALS

WHEREAS, as of the date hereof, each Holder holds the number of shares of the Company’s Series A Convertible Preferred Stock, par value \$0.0001 per share (“**Series A Preferred Stock**”), as set forth opposite each Holder’s name on Schedule 1 attached hereto (collectively, the “**Original Shares**”);

WHEREAS, the Company and the Holders have agreed to exchange all outstanding Original Shares held by the Holders as of the date hereof for the number of shares (the “**Exchange Shares**”) of the Company’s Series C Convertible Preferred Stock, par value \$0.0001 per share (“**Series C Preferred Stock**”), created pursuant to the Certificate of Designation of Preferences, Rights and Limitations of Series C Convertible Preferred Stock (the “**Certificate of Designation**”), set forth opposite each Holder’s name on Schedule 1 hereto, pursuant to the terms and conditions set forth in this Agreement and in reliance on the exemption from registration provided by Section 3(a)(9) of the Securities Act of 1933, as amended (the “**Securities Act**”);

WHEREAS, the Company and the Holders are party to that certain Registration Rights Agreement, dated November 14, 2025 (the “**Registration Rights Agreement**”);

WHEREAS, pursuant to Section 6(d) of the Registration Rights Agreement, the Registration Rights Agreement can be amended by a written instrument signed by the Company and the holders of 50.1% or more of the outstanding Registrable Securities (as defined in the Registration Rights Agreement);

WHEREAS, the Holders collectively hold more than 50.1% of the outstanding Registrable Securities (as defined in the Registration Rights Agreement) as of the date hereof; and

WHEREAS, the Company and the Holders desire to amend the Registration Rights Agreement to provide that the shares of Common Stock of the Company, par value \$0.0001 per share (the “**Common Stock**”) issuable upon the conversion of any shares of Series C Preferred Stock issued to the Holders (the “**Conversion Shares**”) be deemed “Registrable Securities” under the Registration Rights Agreement, such that the Conversion Shares shall be subject to certain registration rights set forth in the Registration Rights Agreement.

NOW, THEREFORE, in consideration of the premises and mutual covenants and obligations hereinafter set forth, the parties hereto, intending legally to be bound, hereby agree as follows:

AGREEMENT**ARTICLE I. DEFINITIONS**

1.01 Defined Terms. Capitalized terms used herein but not otherwise defined herein shall have the respective meanings given such terms as set forth below:

(a) “**Board of Directors**” means the board of directors of the Company.

(b) “**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.

(c) “**Closing Date**” shall have the meaning set forth in Section 2.01(a) hereof.

(d) “**Commission**” means the United States Securities and Exchange Commission.

(e) “**Conversion Shares**” shall have the meaning set forth in the recitals hereof.

(f) “**Exchange**” shall have the meaning set forth in Section 2.01(a) hereof.

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

(h) “**Material Adverse Effect**” means (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, 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.

(i) “**National Securities Exchange**” 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.

(j) “**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.

(k) “**Principal Market**” means the Trading Market on which the Common Stock is primarily listed or quoted for trading on the date in question.

(l) “**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.

(m) “**Shares**” means the Exchange Shares and the Conversion Shares.

(n) “**Stockholder Approval**” means such approval as may be required by the applicable rules and regulations of the National Securities Exchange from the stockholders of the Company with respect to the transactions contemplated by the Transaction Documents, including the issuance of all of the Conversion Shares in excess of 19.99% of the issued and outstanding Common Stock immediately prior to the Closing.

(o) “**Trading Day**” means a day on which the Principal Market is open for trading.

(p) “**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., the OTCQB Venture Market, the OTCID Market or the OTCQX Best Market, or any successors to any of the foregoing.

(q) “**Transaction Documents**” means this Agreement, the Registration Rights Agreement, as amended, and the Certificate of Designation, all exhibits and schedules thereto and hereto and any other documents or agreements executed in connection with the transactions contemplated hereunder.

ARTICLE II. EXCHANGE, AMENDMENTS AND TERMINATION

2.01 The Exchange. At the Closing (as defined below), the Company and each Holder shall, pursuant to Section 3(a)(9) of the Securities Act, exchange such Holder’s Original Shares for the Exchange Shares in the amounts set forth opposite such Holder’s name on **Schedule 1** hereto (collectively, the “**Exchange**”).

(a) Closing. The closing of the Exchange (the “**Closing**”) shall occur remotely via exchange of signatures on the Trading Day on which all conditions have been satisfied or waived (such date, the “**Closing Date**”).

(b) No Consideration. On the Closing Date, the Exchange Shares shall be issued to each Holder in the amounts set forth opposite such Holder’s name on **Schedule 1** attached hereto, in exchange for such Holder’s Original Shares, without the payment of any other consideration by such Holder that would not be consistent with the application of Section 3(a)(9) of the Securities Act to the issuance of the Exchange Shares.

(c) Delivery. In the Exchange, the Company shall, at the Closing, issue and deliver (or cause to be issued and delivered) the Exchange Shares to the Holders (or in the name of a custodian or nominee of each Holder, or as otherwise requested by the respective Holder in writing) at the Holder’s election, in book-entry form. The Exchange Shares shall contain any restrictive legends required by the Securities Act.

(d) Tacking. The holding period of the Original Shares for purposes of Rule 144 and Section 4(a)(1) of the Securities Act tacks on to the holding period of the Exchange Shares.

(e) Legend Removal. The Company shall, and shall cause its legal counsel to, cooperate in good faith with each Holder and the transfer agent of the Company (the “**Transfer Agent**”) in connection with any request for the removal of restrictive legends relating to the Conversion Shares. Such counsel shall deliver any required opinions promptly and shall not impose conditions or requirements beyond what is strictly necessary to comply with applicable securities laws and customary legal practice. The Company shall be responsible for the prompt and full payment of all fees and expenses of its Transfer Agent, legal counsel, and any other costs associated with such legend removals.

2.02 Amendment of Registration Rights Agreement. The parties hereto hereby agree that, effective as of the Closing, the terms of the Registration Rights Agreement be amended to provide that the Conversion Shares issuable upon the conversion of any shares of Series C Preferred Stock issued to the Holders shall constitute “Registrable Securities” as defined under the Registration Rights Agreement, and such Conversion Shares shall be subject to the same registration rights applicable to the shares of Common Stock issuable upon the conversion of the shares of Series A Preferred Stock under the Registration Rights Agreement.

2.03 Deliveries.

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

- (i) this Agreement duly executed by the Company;
- (ii) a certified copy of the Certificate of Designation as certified by the Delaware Secretary of State of the State of Delaware;
- (iii) an irrevocable instruction letter to the transfer agent of the Company regarding the issuance of Conversion Shares; and
- (iv) a certificate of good standing from the Secretary of State of Delaware.

(b) On or prior to the Closing Date, each Holder shall deliver or cause to be delivered to the Company this Agreement duly executed by such Holder.

2.04 Closing Conditions.

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

- (i) all obligations, covenants and agreements of each Holder required to be performed at or prior to the Closing Date shall have been performed;
- (ii) the accuracy in all material respects (or, to the extent representations or warranties are qualified by materiality or Material Adverse Effect, in all respects) when made and on the Closing Date of the representations and warranties of the Holders contained herein; and
- (iii) the delivery by each Holder of the item set forth in Section 2.03(b) of this Agreement.

(b) The obligations of each Holder 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) when made and on the Closing Date of the representations and warranties of the Company contained herein;
- (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 2.03(a) of this Agreement;
- (iv) the Company shall have obtained all governmental, regulatory or third party consents and approvals, if any, necessary for the sale of the Exchange Shares, including without limitation, those required by the Principal Market, if any.
- (v) there shall have been no Material Adverse Effect with respect to the Company; and
- (vi) 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 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 Holders, makes it impracticable or inadvisable to consummate the Exchange.

ARTICLE III. REPRESENTATIONS AND WARRANTIES OF THE COMPANY

The Company represents and warrants to each Holder as of the date hereof as follows:

3.01 Organization, Good Standing and Power. The Company is a corporation duly incorporated, validly existing and in good standing under the laws of the State of Delaware and has the requisite corporate power to own, lease and operate its properties and assets and to conduct its business as it is now being conducted.

3.02 Authorization; Enforcement. The Company has the requisite corporate power and authority to enter into and perform this Agreement, the transactions contemplated by this Agreement and the other Transaction Documents and to issue the Shares in accordance with the terms thereof. The execution, delivery and performance of the Transaction Documents by the Company and the consummation by it of the transactions contemplated thereby have been duly and validly authorized by all necessary corporate action of the Company, and no further consent or authorization of the Company or its Board of Directors or stockholders is required. When executed and delivered by the Company, the Transaction Documents shall constitute a valid and binding obligation of the Company, enforceable against the Company in accordance with their terms, except as such enforceability may be limited by applicable bankruptcy, 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.

3.03 Issuance of Shares. When the Shares are issued in accordance with the terms of this Agreement and the Certificate of Designation, as applicable, the Shares shall be validly issued and outstanding, fully-paid, non-assessable and free and clear of all liens, of any pre-emptive rights and of rights of refusal of any kind.

3.04 No Conflicts. The execution, delivery and performance of the Transaction Documents by the Company and the consummation by the Company of the transactions contemplated thereby do not and will not materially: (i) conflict with or violate any provision of the Company'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 liens, claims, security interests, other encumbrances or defects upon any of the properties or assets of the Company in connection with, or give to others any rights of termination, amendment, acceleration or cancellation (with or without notice, lapse of time or both) of, any material agreement, credit facility, debt or other material instrument (evidencing Company debt or otherwise) or other material understanding to which such Company is a party or by which any property or asset of the Company is bound or affected; or (iii) 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 is subject (including federal and state securities laws and regulations), or by which any property or asset of the Company is bound or affected, except, in the case of each of clauses (ii) and (iii), such as would not have or reasonably be expected to result in a material adverse effect upon the business, prospects, properties, operations, condition (financial or otherwise) or results of operations of the Company, taken as a whole, or in its ability to perform its obligations under the Transaction Documents.

3.05 SEC Reports; Financial Statements. Other than as set forth on Schedule 3.05 hereto, 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.

3.06 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. 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.

ARTICLE IV. REPRESENTATIONS AND WARRANTIES OF THE HOLDER

Each Holder represents and warrants to the Company as of the date hereof as follows:

4.01 Organization and Standing of the Holder. Such Holder is duly organized, validly existing and in good standing under the laws of the jurisdiction of its organization.

4.02 Authorization and Power. Such Holder has the requisite power and authority to enter into and perform this Agreement. The execution, delivery and performance of this Agreement by such Holder and the consummation by it of the transactions contemplated hereby have been duly authorized by all necessary corporate action, and no further consent or authorization of such Holder or its Board of Directors or stockholders is required. When executed and delivered by such Holder, this Agreement shall constitute the valid and binding obligations of such Holder enforceable against such Holder 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.

4.03 Ownership. Such Holder is the sole owner of all right, title and interest in and to the Original Shares as set forth opposite such Holder's name on **Schedule 1** hereto under the column "Outstanding Original Shares", free and clear of all liens, and such amount of Original Shares set forth opposite such Holder's name on **Schedule 1** hereto constitutes all of such Holder's shares of Series A Preferred Stock.

ARTICLE V. MISCELLANEOUS

5.01 Mutual Release of Claims. The Company on behalf of itself, and its respective parents, subsidiaries, predecessors, successors, assigns, and transferees, as well as its respective former and present directors, officers, managers, shareholders, members, partners, and insurers, agree that the foregoing consideration represents settlement in full of all outstanding obligations owed by the Company and this Agreement fully and finally resolves all claims, contentions, and allegations it and each Holder has or may have, from the beginning of time to the date of this Agreement, arising out of or in any way relating to the Original Shares. The Company and each Holder mutually agree and each hereby fully and forever releases the other from, and agree not to sue concerning, any claim, duty, obligation or cause of action relating to any matters of any kind, whether presently known or unknown, suspected or unsuspected, arising from any omissions, acts or facts that have occurred up until and including the date of this Agreement.

5.02 Stockholder Approval. If the Common Stock shall become listed or quoted for trading on a National Securities Exchange subsequent to the date hereof, the Company shall hold a special meeting of stockholders (which may also be at the annual meeting of stockholders) at the earliest practical date for the purpose of obtaining Stockholder Approval, with the recommendation of the Company's Board of Directors that such proposal be 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 proposal. The Company shall use its reasonable best efforts to obtain such Stockholder Approval.

5.03 Amendment. No provision of this Agreement may be waived or amended except in a written instrument signed by the Company and the Holders entitled to receive in the Exchange, in the aggregate, at least a majority of the number of Series C Preferred Stock issuable at the Closing.

5.04 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 by telecopy or facsimile 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 or (c) upon delivery by e-mail (if delivered on a Business Day during normal business hours where such notice is to be received) upon recipient's actual receipt and acknowledgement of such e-mail. The addresses for such communications shall be:

If to the Company:

Nuvve Holding Corp.
2488 Historic Decatur Road, Ste 230
San Diego, CA 92106
Attention: Chief Executive Officer
Telephone: (619) 456-5161
Email: gregory@nuvve.com

With a copy (for informational purposes only) to:

Baker & Hostetler, LLP
1900 Avenue of the Stars
Suite 2700
Los Angeles, CA 90067-4301
Telephone: (310) 820-8800
Attention: J.R. Lanis, Esq.
E-mail: jrlanis@bakerlaw.com

If to a Holder, to its mailing address and e-mail address set forth on the Holder's respective signature page attached hereto.

Any Holder hereto may from time to time change its address for notices by giving written notice of such changed address to the Company.

5.05 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.

5.06 Governing Law; Jurisdiction. This Agreement shall be governed by and construed in accordance with the laws of the State of Delaware, without regard to conflict of law principles that would result in the application of the laws of any other jurisdiction. Each party hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts located in Wilmington, Delaware for the adjudication of any dispute hereunder, irrevocably waives any objection to such forum, and irrevocably waives any right to trial by jury.

5.07 Counterparts. This Agreement may be executed in any number of counterparts, all of which taken together shall constitute one and the same instrument and shall become effective when counterparts have been signed by each party and delivered to the other parties hereto, it being understood that all parties need not sign the same counterpart. Signature pages to this Agreement may be delivered by facsimile or other means of electronic transmission.

[Signature page follows.]

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

COMPANY:

NUVVE HOLDING CORP.

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

[Signature Page to Securities Exchange and Amendment Agreement]

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

HOLDER:

FIVE NARROW LANE, L.P.

By: /s/ Arie Rabinowitz
Name: Arie Rabinowitz
Title: Managing Member

Address:

[Signature Page to Securities Exchange and Amendment Agreement]

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

HOLDER:

BRISTOL INVESTMENT FUND, LTD.

By: /s/ Paul Kessler
Name: Paul Kessler
Title: Director

Address:

[Signature Page to Securities Exchange and Amendment Agreement]

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

HOLDER:

RAINFOREST PARTNERS LLC

By: /s/ Mark Weinberger
Name: Mark Weinberger
Title: Authorized Signatory

Address:

[Signature Page to Securities Exchange and Amendment Agreement]

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

HOLDER:

THE HEWLETT FUND LP

By: /s/ Martin Chopp
Name: Martin Chopp
Title: General Partner

Address:

[Signature Page to Securities Exchange and Amendment Agreement]

Schedule 1

Schedule of Holders

Name of Holder	Outstanding Original Shares	Exchange Shares
Five Narrow Lane, L.P.	1,405.321	1,405.321
Bristol Investment Fund, Ltd.	277.778	277.778
Rainforest Partners LLC	277.778	277.778
The Hewlett Fund LP	277.778	277.778

Exhibit A

Certificate of Designation

NUVVE HOLDING CORP.

September 10, 2026

Continental Stock Transfer & Trust Company
1 State Street, Floor 30
New York, NY 10004

Ladies and Gentlemen:

NUVVE HOLDING CORP., a Delaware corporation (the “Company”) and FIRSTFIRE GLOBAL OPPORTUNITIES FUND, LLC, a Delaware limited liability company (the “Investor”), have entered into a securities purchase agreement on or around September 10, 2026 (the “Agreement”), pursuant to which the Company issued that certain promissory note in the original principal amount of \$280,000.00 (the “Note”).

You are hereby irrevocably authorized and instructed to reserve a sufficient number of shares of common stock, par value \$0.0001 per share (“Common Stock”) of the Company (initially, 5,000,000 shares) for issuance upon full conversion of the Note in accordance with the terms thereof. The amount of shares so reserved may be increased, from time to time, only upon the written instructions of the Company.

The ability to convert the Note in a timely manner is a material obligation of the Company pursuant to the Note. Provided that Continental Stock Transfer & Trust Company (the “Transfer Agent”) is acting as transfer agent at the time, your firm is hereby irrevocably authorized and instructed to within two (2) Trading days issue shares of Common Stock of the Company to the Investor upon your receipt from the Investor (provided, however, that the Investor must concurrently provide the following items to the Company as well) of: (i) a notice of conversion under the Note (“Conversion Notice”) executed by the Investor, (ii) an opinion of the Company's counsel or counsel of the Investor, confirming that the shares may be issued upon conversion of the Note without any transfer restrictions pursuant to an effective resale registration statement or pursuant to the exemption provided by Rule 144 (or any other available exemption) under the Securities Act of 1933, as amended (the “Securities Act”), and (iii) copies of all supporting prospectus or supporting documentation (a seller's representation letter and a broker's representation letter if the shares have been held less than twelve months). Such shares should be issued at the option of the Investor as specified in the Conversion Notice and/or Exercise Notice either (i) electronically by crediting the account of a Prime Broker with the Depository Trust Company through its Deposit Withdrawal at Custodian (“DWAC”) system provided the Investor causes its broker or bank to initiate a DWAC deposit or (ii) in certificated form without any restrictive legend which would restrict the transfer of the shares, provided however that if such shares are not able to be sold under Rule 144 or any other exemption under the Securities Act and you have received an opinion from the Company's or Investor's counsel that the issuance of the shares is exempt from registration under the Securities Act and when issued the shares will be fully paid and non-assessable, then the issued certificates for such shares shall bear the following restrictive legend:

THE SECURITIES REPRESENTED BY THIS CERTIFICATE HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED. THE SECURITIES MAY NOT BE SOLD, TRANSFERRED OR ASSIGNED IN THE ABSENCE OF AN EFFECTIVE REGISTRATION STATEMENT FOR THE SECURITIES UNDER SAID ACT OR AN OPINION OF COUNSEL IN FORM, SUBSTANCE AND SCOPE CUSTOMARY FOR OPINIONS OF COUNSEL IN COMPARABLE TRANSACTIONS. THAT REGISTRATION IS NOT REQUIRED OR UNLESS SOLD PURSUANT TO RULE 144 UNDER SAID ACT OR OTHER APPLICABLE EXEMPTION.

Except with respect to issuances pursuant to conversions under the Note as provided in this instruction letter, the shares shall remain in the created reserve with the Transfer Agent until the Investor and an authorized officer of the Company provides joint written instructions to the Transfer Agent that the shares or any part of them shall be taken out of the reserve and shall no longer be subject to the terms of these instructions.

The Company hereby authorizes you to disclose to the Investor, after the Investor's request from time to time, the number of shares authorized and issued and outstanding, the reserve balance, and the cost basis of any issuance of Common Stock made to the Investor.

The Company shall indemnify you and your officers, directors, principals, partners, agents and representatives, and hold each of them harmless from and against any and all loss, liability, damage, claim or expense (including the reasonable fees and disbursements of its attorneys) incurred by or asserted against you or any of them arising out of or in connection with the instructions set forth herein. the performance of your duties hereunder and otherwise in respect hereof, including the costs and expenses of defending yourself or themselves against any claim or liability including any claim which may be made or asserted by the Company, except that the Company shall not be liable hereunder as to matters in respect of which it is determined that you have acted with gross negligence or in bad faith. You shall have no liability to the Company and the Investor in respect of this if such action was taken or omitted to be taken in good faith, and you shall be entitled to rely in this regard and without liability on the advice of counsel, including counsel selected by you.

The Board of Directors of the Company has approved these irrevocable instructions and does hereby extend the Company's irrevocable agreement to indemnify your firm for all loss, liability or expense in carrying out the authority and direction herein contained on the terms herein set forth.

The Company agrees that in the event that you resign as the Company's transfer agent, the Company shall engage a suitable replacement transfer agent that will agree to serve as transfer agent for the Company within five (5) business days. The Company acknowledges that we will have the right to complete any issuance, conversion request, or exercise request received in good order prior to our resignation. It is also understood that you are permitted to resign without any stipulated conditions.

The Investor is intended to be and is a beneficiary hereof and no amendment or modification to the instructions set forth herein may be made without the consent of the Investor.

Notwithstanding any other provision hereof, the Company and the Investor understand that you shall not be required to perform any issuance of the shares if (a) such an issuance or transfer of shares is in violation of any state or federal securities laws or regulations or (b) the issuance of the shares is prohibited or stopped as required or directed by a court order from a court of competent jurisdiction. Additionally, Company and Investor understand that you shall not be required to perform any issuance of the shares if Company is in default of its payment obligations under its agreement with you.

Very truly yours,

NUVVE HOLDING CORP.

By: /s/ Gregory Poilasne

Name: Gregory Poilasne

Title: Chief Executive Officer

Acknowledged and Agreed:

CONTINENTAL STOCK TRANSFER & TRUST COMPANY

By: /s/ Ana Gois

Name: Ana Gois

Title: Vice President

Acknowledged and Agreed:

FIRSTFIRE GLOBAL OPPORTUNITIES FUND, LLC

By: FirstFire Capital Management LLC, its manager

By: /s/ Eli Fireman

Name: Eli Fireman