FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

|   | OMB APPROVAL             |           |  |  |  |  |  |  |  |
|---|--------------------------|-----------|--|--|--|--|--|--|--|
|   | OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |
| l | Estimated average burden |           |  |  |  |  |  |  |  |
| l | hours per response:      | 0.5       |  |  |  |  |  |  |  |

|   | Check this box if no longer subject |
|---|-------------------------------------|
| ٦ | to Section 16. Form 4 or Form 5     |
| ) | obligations may continue. See       |
|   | Instruction 1(b)                    |

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person*     Montgomery Jon M.      |  |       |            |   | 2. Issuer Name <b>and</b> Ticker or Trading Symbol Nuvve Holding Corp. [ NVVE ] |   |                             |                  |      |  |          |                 | (Ch   | Relationshi<br>leck all app<br>X Direc  | olicable)  |  | Person(s) to Issue  |         |  |
|--|--|-------|------------|---|---|---|-----------------------------|------------------|------|--|----------|-----------------|---|---|--|--|---|---------|--|
| (Last)   | (First) (Middle)   |       |            |   | 3. Date of Earliest Transaction (Month/Day/Year) 06/13/2023                     |   |                             |                  |      |  |          |                 |   | Office  | er (give title<br>v)   |  | Other (s<br>pelow)  | specify |  |
| C/O NUVVE HOLDING CORP.<br>2468 HISTORIC DECATUR ROAD, SUITE 200 |  |       |            |   | 4. If Amendment, Date of Original Filed (Month/Day/Year)                        |   |                             |                  |      |  |          | Line            | 6. Individual or Joint/Group Filing (Check Applicable Line)  X Form filed by One Reporting Person |   |  |  |   |         |  |
| (Street)   | reet)<br>AN DIEGO CA 92106   |       |            |   |   |   |                             |                  |      |  |          |                 |   | Form filed by More than One Reporting<br>Person   |  |  |   |         |  |
| (City)   | City) (State) (Zip)  |       |            |   |   | Rule 10b5-1(c) Transaction Indication  Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. |                             |                  |      |  |          |                 |   |   |  |  |   |         |  |
|  |  | Table | I - Noi    | n-Deriva                                | tive S  | ecur  | ities Acq                   | uired, I         | Disp | osed of  | f, or    | Ben             | eficia  | ally Owr  | ned  |  |   |         |  |
| 1. Title of Security (Instr. 3)  2. Transact Date (Month/Day     |  |       |            |   | Execution Date  |   | ution Date,                 | Code (Instr.     |      | 4. Securities Acquired Disposed Of (D) (Instr. and 5)  |          |                 | Securi<br>Benefi<br>Owned<br>Follow   | ties<br>cially<br>l<br>ing  | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) |  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |         |  |
|  |  |       |            |   |   |   |                             | Code             | v    | Amount   | ()<br>(I | A) or<br>D)     | Price   |   | ed<br>ction(s)<br>3 and 4)   |  |   |         |  |
| Common Stock <sup>(1)</sup> 06/13/2                              |  |       |            |   |   | 2023  |                             | A                |      | 80,000   |          | Α               | \$ <mark>0</mark>   | 17  | 8,235  | D  |   |         |  |
|  | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |       |            |   |   |   |                             |                  |      |  |          |                 |   |   |  |  |   |         |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)              | tive Conversion Date Execution Date, or Exercise (Month/Day/Year) if any   |       | tion Date, | 4.<br>Transaction<br>Code (Instr.<br>8) |   | 5.<br>Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5)  | (Month/Day<br>ve<br>es<br>d |                  | te   | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security<br>(Instr. 3 and |          | id 4)           | 3. Price of<br>Derivative<br>Security<br>(Instr. 5)   | 9. Number<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4) | Own<br>Forn<br>Direc<br>or In<br>(I) (I                              | ership<br>n:<br>ct (D)<br>direct<br>nstr. 4) | Beneficial<br>Ownership<br>ct (Instr. 4)                          |         |  |
|  |  |       |            |   | Code  | v   | (A) (D)                     | Date<br>Exercisa |      | Expiration<br>Date   | Title    | or<br>Nun<br>of | ount<br>nber<br>ires  |   |  |  |   |         |  |

## Explanation of Responses:

1. The securities awarded are in the form of restricted stock units (RSUs) issued pursuant to the Issuer's 2020 Long-Term Incentive Plan. Each RSU represents the right to receive one share of the Issuer's common stock. The RSUs award vests and becomes non-forfeitable on the date of the 2024 Annual Meeting.

## Remarks:

/s/ Jon M. Montgomery

\*\* Signature of Reporting Person

07/05/2023

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- \* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.