UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 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): May 24, 2023

THE ARENA GROUP HOLDINGS, INC.

(Exact name of registrant as specified in its charter)

DELAWARE 001-12471 68-0232575
(State or other jurisdiction (Commission (I.R.S. Employer of incorporation) File Number) Identification No.)

200 VESEY STREET, 24TH FLOOR
NEW YORK, NEW YORK 10281

(Address of principal executive offices)

212-321-5002

(Zip code)

(Registrant's telephone number including area code)

(Former name or former address if changed since last report)

Securities registered pursuant in Section 12(b) of the Act: Name of each exchange on which registered Title of each class Trading Symbol(s) Common Stock, par value \$0.01 per share AREN NYSE American 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)) 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 \square 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. \square

Item 7.01. Regulation FD Disclosure.

On May 24, 2023, The Arena Group Holdings, Inc. (the "Company") issued an updated investor deck, which can be accessed on the Company's website at https://investors.thearenagroup.net/events-and-presentations/presentations. Information on the Company's website does not constitute a part of this Current Report on Form 8-K.

The information furnished in this Item 7.01 shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall it be deemed to be incorporated by reference into any filing of the Company under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such filing.

SIGNATURE

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

Dated: May 24, 2023 THE ARENA GROUP HOLDINGS, INC.

By: /s/ Douglas B. Smith

Name: Douglas B. Smith
Title: Chief Financial Officer