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

FORM 8-A

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES
PURSUANT TO SECTION 12(b) OR (g) OF
THE SECURITIES EXCHANGE ACT OF 1934**

GREENIDGE GENERATION HOLDINGS INC.

(Exact Name of Registrant as Specified in its Charter)

Delaware
(State of Incorporation or Organization)

86-1746728
(I.R.S. Employer Identification No.)

590 Plant Road, Dresden, NY
(Address of principal executive offices)

14441
(Zip code)

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

Title of each class
to be so registered
Class A Common stock, par value \$0.0001 per share

Name of each exchange on which
each class is to be registered
The Nasdaq Stock Market LLC

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c) or (e), please check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d) or (e), check the following box.

If this form relates to the registration of a class of securities concurrently with a Regulation A offering, check the following box.

Securities Act registration statement number to which the form relates:
333-255741

Securities to be registered pursuant to Section 12(g) of the Act:
None

Item 1. Description of Registrant's Securities to be Registered.

For a description of the securities of Greenidge Generation Holdings Inc. (the "Registrant") to be registered hereunder, reference is made to the information set forth under the heading "Description of Securities" in the Registrant's Registration Statement on Form S-4 (File No. 333-255741), as initially filed with the Securities and Exchange Commission (the "Commission") on May 4, 2021, as subsequently amended (the "Registration Statement"), and in the prospectus included in the Registration Statement filed separately by the Registrant with the Commission pursuant to Rule 424(b) under the Securities Act of 1933, as amended, on August 10, 2021, which prospectus shall be deemed to be incorporated by reference herein.

Item 2. Exhibits.

Pursuant to the Instructions as to Exhibits with respect to Form 8-A, no exhibits are required to be filed as part of this registration statement because no other securities of the Registrant are registered on The Nasdaq Stock Market LLC and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

Greenidge Generation Holdings Inc.

Date: September 13, 2021

By: /s/ Jefferey E. Kirt
Name: Jefferey E. Kirt
Title: Chief Executive Officer