April 24, 2024

Christian Mulvihill Chief Financial Officer Greenidge Generation Holdings Inc. 135 Rennell Drive, 3rd Floor Fairfield, CT 06890

Re: Greenidge

Generation Holdings Inc.

Form 10-K for the

Fiscal Year Ended December 31, 2022

Form 10-K for the

Fiscal Year Ended December 31, 2023

File No. 001-40808

Dear Christian Mulvihill:

 $\,$ We have completed our review of your filings. We remind you that the company and its

 $$\operatorname{\mathtt{man}}$ agement are responsible for the accuracy and adequacy of their disclosures, notwithstanding

any review, comments, action or absence of action by the staff.

Sincerely,

Division of Corporation Finance

Office of Crypto Assets