

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

August 8, 2024

Jordan Kovler Chief Executive Officer Greenidge Generation Holdings Inc. 590 Plant Road Dresden, NY 14441

> Re: Greenidge Generation Holdings Inc. Registration Statement on Form S-1 Filed August 1, 2024 File No. 333-281156

Dear Jordan Kovler:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact David Gessert at 202-551-2326 with any questions.

Sincerely,

Division of Corporation Finance Office of Crypto Assets