



DIVISION OF
CORPORATION FINANCE

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

November 19, 2024

David Rice
Chief Executive Officer
NET Power Inc.
320 Roney Street, Suite 200
Durham, North Carolina 27701

Re: NET Power Inc.
Registration Statement on Form S-3
Filed on November 15, 2024
File No. 333-283272

Dear David Rice:

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 Bradley Ecker at 202-551-4985 with any questions.

Sincerely,

Division of Corporation Finance
Office of Manufacturing