

March 30, 2022

Melissa Berube  
General Counsel  
Eos Energy Enterprises, Inc.  
3920 Park Avenue  
Edison, New Jersey 08820

Enterprises, Inc.

Statement on Form S-3

Re: Eos Energy

Registration

Filed March 4, 2022  
File No. 333-263298

Dear Ms. Berube:

We have limited our review of your registration statement to those issues we have addressed in our comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to this letter by amending your registration statement and providing the requested information. If you do not believe our comments apply to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to these comments, we may have additional comments.

Registration Statement on Form S-3 filed March 4, 2022

General

1. The registration statement registers a resale offering of the convertible notes by selling securityholders. The legality opinion indicates a primary offering of convertible notes. Please revise as appropriate to reconcile this discrepancy.

2. Please tell us on what registration statement or exemption you will rely to offer and sell the shares underlying the convertible notes to subsequent investors. Revise your disclosure, fee table and legality opinion, as appropriate.

3. We note that your registration statement incorporates by reference your Form 10-K for the December 31, 2021, which in turn incorporates by reference certain Part III information from a definitive proxy statement that you have not yet filed.

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Please be advised that we cannot accelerate the effective date of your registration statement until you have amended your Form 10-K to include the Part III information or have filed a definitive proxy statement which includes such information. For guidance, please refer to Question 123.01 of the Securities Act Forms Compliance and Disclosure Interpretations.

4. Please revise the exhibit index to refer to the legality opinions for the prior Registration Statements on Form S-1 referenced prior to your prospectus cover page.

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.

Refer to Rules 460 and 461 regarding requests for acceleration. Please allow adequate time for us to review any amendment prior to the requested effective date of the registration statement.

Please contact Patrick Fullem at (202) 551-8337 or Geoffrey Kruczek at (202) 551-3641 with any questions.

FirstName LastNameMelissa Berube  
Corporation Finance  
Comapany NameEos Energy Enterprises, Inc.

Manufacturing  
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cc: Roshni Banker Cariello  
FirstName LastName

Sincerely,  
Division of  
Office of