May 9, 2022

Kevin Krieger Secretary FTAI Infrastructure LLC c/o Fortress Investment Group LLC 1345 Avenue of the Americas, 45th Floor New York, NY 10105

LLC

Statement on Form 10

2022

Registration Filed April 29, File No. 001-41370

Re: FTAI Infrastructure

Dear Mr. Krieger:

We have reviewed your filing and have the following 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 these comments within ten business days by providing the requested information or advise us as soon as possible when you will respond. If you do not believe our comments apply to your facts and circumstances, please tell us why in your response.

After reviewing your response and any amendment you may file in response to these comments, we may have additional comments.

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Form 10 filed April 29, 2022

Background of the Spin-Off, page 49

1. Please refer to comment 6 from our letter dated January 18, 2022 and your response dated February 4, 2022. Please include a cross-reference here to the material terms of the spinoff you describe beginning on page 19. In addition, please revise this section to clarify how, prior to their presentation to the special committee, the material terms of the spin-off were determined by FTAI, including, but not limited to: the ancillary agreements, the merger, internal reorganization and the New Financing. Please also revise to further explain how it was decided to explore the separation of the infrastructure business into a newly-created and separately-traded public company. Kevin Krieger FirstName LastNameKevin FTAI Infrastructure LLC Krieger Comapany May 9, 2022NameFTAI Infrastructure LLC May 9, Page 2 2022 Page 2 FirstName LastName Our Spin-Off From FTAI, page 49 Please refer to comment 7 from our letter dated January 18, 2022 and 2. to your response letter dated February 4, 2022. Please revise to disclose whether the board of directors considered alternatives to the spin-off transaction and, if so, why those alternatives were rejected.

Unaudited Pro Forma Combined Consolidated Financial Information, page 58

Please tell us your consideration of the guidance in SAB Topic 3:C з. related to recording increases in the carrying amount of your preferred stock and your treatment of those increases in your calculations of loss per share. In reference to Note 2, adjustment (d) on pages 65 and 66, please 4. clarify how you accounted for the warrants and expected grant of options to FIG LLC in the pro forma financial information. Also, please tell us why you cannot estimate the per share price of your common equity at the time of separation, and your consideration of the guidance in Rule 11-02(a)(10) of Regulation S-X. 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.

You may contact Tony Watson at (202) 551-3318 or Theresa Brillant at (202) 551-3307 if you have questions regarding comments on the financial statements and related matters. Please contact Jessica Livingston at (202) 551-3448 or Eric Envall at (202) 551-3234 with any other questions.

Sincerely,

Division of

Corporation Finance

& Services cc: Blair T. Thetford Office of Trade