

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

Mail Stop 3561

January 3, 2017

Bahir Manios Chief Financial Officer Brookfield Infrastructure Partners L.P. 73 Front Street Hamilton, HM 12, Bermuda

Re: Brookfield Infrastructure Partners L.P.

Form 20-F for Fiscal Year Ended December 31, 2015

Filed February 29, 2016

File No. 001-33632

Dear Mr. Manios:

We have completed our review of your filing. 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.

Sincerely,

/s/ Lyn Shenk

Lyn Shenk Branch Chief Office of Transportation and Leisure