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

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

11 January 2017

Commission File Number: 001-14958

National Grid plc

(Translation of registrant s name into English)

1-3 Strand London WC2N 5EH, England

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F: [x] Form 20-F [] Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): []

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): []

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934: [] Yes [x] No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): <u>n/a</u>

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Announcement sent to the London Stock Exchange on 11 January 2017:- 'National Grid plc - Total Voting Rights'

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

National Grid plc

Date: 11 January 2017

By: /s/ David Whincup

Name:David WhincupTitle:Assistant Company Secretary

EXHIBIT INDEX

Exhibit No.	Description
99.1	Announcement sent to the London Stock Exchange 11 January 2017:-'National Grid plc – Total Voting Rights'