

NATIONAL GRID PLC
Form 6-K
September 25, 2008

**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**

25 September 2008

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: 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 No

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

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Please see Exhibit 99.1 -- Announcement: 'National Grid plc -- Transaction in Own Shares (2008/09 Share Repurchase Programme complete)'

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: 25 September 2008

By: /S/ David C Forward _____

Name: David C Forward

Title: Assistant Secretary

EXHIBIT INDEX

Exhibit No.	Description
99.1	National Grid plc -- Transaction in Own Shares (2008/09 Share Repurchase Programme complete)
