

NATIONAL GRID PLC  
Form 6-K  
February 23, 2010

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**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**

23 February 2010

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 Court of Appeal decision on National Grid's gas metering contracts '







**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: 23 February 2010

By: /s/ Philip L. Higgins \_\_\_\_\_

Name: Philip L. Higgins

Title: Assistant Secretary

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**EXHIBIT INDEX**

| <b>Exhibit No.</b> | <b>Description</b>  |
|--------------------|---|
| 99.1               | Announcement: 'National Grid plc Court of Appeal decision on National Grid's gas metering contracts ' |

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