| NATIONAL GRID PLC |
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| Form F-6 POS |
| May 16, 2013 |

| As filed with the Securities and Exchange Commission on May 16, 2013. Registration No. 333-178045 |
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| SECURITIES AND EXCHANGE COMMISSION |
| Washington, D.C. 20549 |
| |
| POST-EFFECTIVE AMENDMENT NO. 1 |
| TO |
| FORM F-6 |
| REGISTRATION STATEMENT |
| under |
| THE SECURITIES ACT OF 1933 |
| For Depositary Shares |
| |
| NATIONAL GRID PLC |
| (Exact name of issuer of deposited securities as specified in its charter) |
| |
| N/A |
| (Translation of issuer's name into English) |
| |
| England and Wales |

(Jurisdiction of incorporation or organization of issuer)

THE BANK OF NEW YORK MELLON

| (Exact name of depositary as specified in its charter) |
|--|
| One Wall Street New York, N.Y. 10286 |
| (212) 495-1784 |
| (Address, including zip code, and telephone number, including area code, of depositary's principal executive offices |
| The Bank of New York Mellon |
| ADR Division |
| One Wall Street, 11th Floor |
| New York, New York 10286 |
| (212) 495-1784 |
| (Address, including zip code, and telephone number, including area code, of agent for service) |
| Copies to: |
| Brian D. Obergfell, Esq. |
| Emmet, Marvin & Martin, LLP |
| 120 Broadway |
| New York, New York 10271 |
| (212) 238-3032 |
| It is proposed that this filing become effective under Rule 466 |
| [] immediately upon filing |
| [] on (Date) at (Time). |
| If a separate registration statement has been filed to register the deposited shares, check the following box. [] |

| Edgar Filing: NATIONAL GRID PLC - Form F-6 POS |
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| The prospectus consists of the proposed form of American Depositary Receipt included as Exhibit A to the form of Amended and Restated Deposit Agreement filed as Exhibit 1 to this Registration Statement, which is incorporated herein by reference. |
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| PART I | | |
| INFORMATION REQUIRE | D IN PROSPECTUS | |
| Item - 1. <u>Description of Sect</u> | urities to be Registered | |
| Cross Reference Sheet | | |
| Item Number and Caption | | Location in Form of Receipt Filed Herewith as Prospectus |
| 1. Name and address o | f depositary | Introductory Article |
| 2. Title of American D | epositary Receipts and identity of deposited securities | Face of Receipt, top center |
| Terms of Deposit: | | |
| (i) The amount of deposited Depositary Receipts | d securities represented by one unit of American | Face of Receipt, upper right corner |
| (ii) The procedure for votin | g, if any, the deposited securities | Articles number 15, 16 and 18 |
| (iii) The collection and distribution of dividends | | Articles number 4, 12, 13, 15 and 18 |

(iv) The transmission of notices, reports and proxy soliciting material

Articles number 11, 15, 16

and 18

| (v) The sale or exercise of rights | Articles number 13, 14, 15 and 18 |
|--|---------------------------------------|
| (vi) The deposit or sale of securities resulting from dividends, splits or plans of reorganization | Articles number 12, 13, 15, 17 and 18 |
| (vii) Amendment, extension or termination of the deposit agreement | Articles number 20 and 21 |
| (viii) Rights of holders of Receipts to inspect the transfer books of the depositary and the list of holders of Receipts | Article number 11 |
| (ix) Restrictions upon the right to deposit or withdraw the underlying securities | Articles number 2, 3, 4, 5, 6 and 8 |
| (x) Limitation upon the liability of the depositary | Articles number 14, 18, 21 and 22 |

3. Fees and Charges Articles number 7 and 8

Item - 2. Available Information

Public reports furnished by issuer Article number 11

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INFORMATION NOT REQUIRED IN PROSPECTUS

Item - 3. Exhibits

- b. Any other agreement, to which the depositary is a party, relating to the issuance of the Depositary Shares registered hereby or the custody of the deposited securities represented thereby. Not applicable.
- Every material contract relating to the deposited securities between the Depositary and the issuer of the deposited securities in effect at any time within the last three years. See (a) above.
- d. Opinion of Emmet, Marvin & Martin, LLP, counsel for the Depositary, as to legality of the securities to be registered. Previously filed.
- e. Certification under Rule 466. Not applicable.

Item - 4. <u>Undertakings</u>

- (a) The Depositary hereby undertakes to make available at the principal office of the Depositary in the United States, for inspection by holders of the depositary shares, any reports and communications received from the issuer of the deposited securities which are both (1) received by the Depositary as the holder of the deposited securities, and (2) made generally available to the holders of the underlying securities by the issuer.
- (b) If the amounts of fees charged are not disclosed in the prospectus, the Depositary undertakes to prepare a separate document stating the amount of any fee charged and describing the service for which it is charged and to deliver promptly a copy of such fee schedule without charge to anyone upon request. The Depositary undertakes to notify each registered holder of depositary shares thirty days before any change in the fee schedule.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that all the requirements for filing on Form F-6 are met and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of New York, State of New York, on May 16, 2013.

Legal entity created by the agreement for the issuance of depositary shares representing ordinary shares of National Grid plc.

By: The Bank of New York Mellon,

As Depositary

By: /s/ Joanne Di Giovanni Hawke

Name: Joanne Di Giovanni Hawke

Title: Managing Director

Pursuant to the requirements of the Securities Act of 1933, National Grid plc has caused this Registration Statement to be signed on its behalf by the undersigned thereunto duly authorized, in London, England, on 14 May, 2013.

National Grid plc

By: <u>/s/ Steve Holliday</u>
Name: Steve Holliday

Title: Chief Executive

Each person whose signature appears below hereby constitutes and appoints Sir Peter Gershon and Alison Kay, and each of them severally, his or her true and lawful attorney-in-fact with power of substitution and resubstitution to sign in his or her name, place and stead in any and all capacities the Registration Statement and any and all amendments thereto (including post-effective amendments) and any documents in connection therewith, and to file the same with the Securities and Exchange Commission, granting unto each of said attorneys full power to act with or without the other, and full power and authority to do and perform, in his or her name and on his or her behalf, every act whatsoever which such attorneys, or any one of them, may deem necessary or desirable to be done in connection therewith as fully and to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorney-in-fact, or any of them, or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed below by the following persons in the capacities indicated on 14 May, 2013.

/s/ Ken Harvey Director

Ken Harvey /s/ Philip Aiken Director Philip Aiken Director Nora Mead Brownell /s/ Jonathan Dawson Director Jonathan Dawson /s/ Paul Golby Director Paul Golby /s/ Ruth Kelly Director Ruth Kelly /s/ Maria Richter Director Maria Richter /s/ George Rose Director George Rose /s/ Mark Williamson Director

Authorized Representative in the United States

Mark Williamson

/s/ Colin Owyang

Colin Owyang

INDEX TO EXHIBITS

| <u>Exhibit</u> | |
|----------------|---------|
| | Exhibit |

Number

Form of Amended and Restated Deposit Agreement dated as of ______, 2013 among National Grid plc,

The Bank of New York Mellon, as Depositary, and all Owners and Holders from time to time of American Depositary Shares issued thereunder.