BT GROUP PLC
Form 6-K
December 04, 2007

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

Report of Foreign Private Issuer

Pursuant to Rule 13a-16 or 15d-16 of
the Securities Exchange Act of 1934

04 December 2007

BT Group plc
(Translation of registrant's name into English)

BT Centre
81 Newgate Street
London
EC1A 7AJ
England

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F..X... Form 40-F.....

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 ..X..

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82- _____

Enclosures: 1. Transaction in Own Shares announcement made on 04 December 2007

Tuesday 04 December 2007

BT GROUP PLC

TRANSACTION IN OWN SHARES - VOTING RIGHTS AND CAPITAL

BT Group plc announces that it has today transferred in connection with its employee share plans 22,809 ordinary shares at a minimum price of 146 pence per share and a maximum price of 227 pence per share. The transferred shares were all formerly held as treasury shares.

BT Group plc's capital consists of 8,640,654,852 ordinary shares with voting rights. Following the above transfer, BT Group plc holds 619,137,767 ordinary shares as treasury shares. Therefore, the total number of voting rights in BT Group plc is 8,021,517,085.

The above figure (8,021,517,085) may be used by shareholders as the denominator for the calculations by which they will determine if they are required to notify their interest in, or a change to their interest in, BT Group plc under the FSA's Disclosure and Transparency Rules.

= ends =

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.

BT Group PLC
(Registrant)

By: /s/ Patricia Day

Patricia Day, Assistant Secretary.

Date 04 December 2007