

PEABODY ENERGY CORP

Form 8-K

May 10, 2006

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**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**  
**FORM 8-K**  
**CURRENT REPORT**  
**Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934**  
**Date of Report (Date of earliest event reported) May 10, 2006**  
**PEABODY ENERGY CORPORATION**  
(Exact name of registrant as specified in its charter)

**Delaware** (State or other jurisdiction of incorporation or organization)      **1-16463** (Commission File Number)      **13-4004153** (I.R.S. Employer Identification No.)

**701 Market Street, St. Louis, Missouri** (Address of principal executive offices)      **63101-1826** (Zip Code)

Registrant's telephone number, including area code (314) **342-3400**  
**N/A**

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 7.01. Regulation FD Disclosure.**

On May 10, 2006, Peabody Energy Corporation ( Peabody ) will present at the Merrill Lynch Global Metals, Mining and Steel Conference. A copy of Peabody s presentation is attached hereto as Exhibit 99.1.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits.

Exhibit No. Description of Exhibit

99.1 Peabody presentation to be given May 10, 2006 at the Merrill Lynch Global Metals, Mining and Steel Conference.

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**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 hereunto duly authorized.

**PEABODY ENERGY CORPORATION**

*May 10, 2006*

*By: /s/ Jeffery L. Klinger*  
*Name: Jeffery L. Klinger*  
*Title: Vice President, General Counsel and Secretary*