

PEABODY ENERGY CORP

Form 8-K

May 10, 2006

Table of Contents

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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TABLE OF CONTENTS

Item 7.01. Regulation FD Disclosure

Item 9.01. Financial Statements and Exhibits

SIGNATURES

Powerpoint Presentation

Table of Contents

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.

Table of Contents

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