

PEABODY ENERGY CORP
Form 8-K
May 11, 2010

**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 11, 2010

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.)
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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 11, 2010, Peabody Energy Corporation (Peabody) management will be presenting at the Bank of America Merrill Lynch Global Metals and Mining Conference in Miami, Florida. A related written presentation is furnished as Exhibit 99.1 hereto.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No.	Description of Exhibit
99.1	Peabody written presentation dated May 11, 2010.

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 11, 2010

By: /s/ Kenneth L. Wagner

Name: Kenneth L. Wagner

*Title: Vice President, Assistant General
Counsel and Assistant Secretary*

EXHIBIT INDEX

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