

PEABODY ENERGY CORP

Form 8-K

August 17, 2010

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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) August 17, 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.)
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 August 17, 2010, Peabody Energy Corporation (Peabody) management will be meeting with investors in St. Louis, Missouri. 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 August 2010.

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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

August 17, 2010

*By: /s/ Kenneth L. Wagner
Name: Kenneth L. Wagner
Title: Vice President, Assistant General
Counsel
and Assistant Secretary*

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