PEABODY ENERGY CORP Form 8-K September 07, 2011

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) September 7, 2011

PEABODY ENERGY CORPORATION (Exact name of registrant as specified in its charter)

(Address of principal executive offices)

Delaware	1-16463	13-4004153
(State or other jurisdiction of incorporation or organization)	(Commission File Number)	(I.R.S. Employer Identification No.)
701 Market Street, St. Louis, Missouri		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))

Item 7.01. Regulation FD Disclosure

On September 7 and 8, 2011, Peabody Energy Corporation ("Peabody") management will be meeting with investors and presenting at the Barclays CEO Energy/Power Conference in New York, New York. The related 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 September 8, 2011.

2

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

September 7, 2011

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

EXHIBIT INDEX

Exhibit No.Description of Exhibit99.1Peabody written presentation dated September 8, 2011.

4