

Regency Energy Partners LP  
Form 8-K  
May 10, 2010

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

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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, 2010

REGENCY ENERGY PARTNERS LP

(Exact name of registrant as specified in its charter)

DELAWARE  
(State or other jurisdiction of  
incorporation)

000-51757  
(Commission File Number)

16-1731691  
(IRS Employer  
Identification No.)

2001 Bryan Street, Suite 3700  
Dallas, Texas 75201

(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code (214) 750-1771

(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, 2010, the management of Regency Energy Partners LP expects to present information concerning its business to investors and other interested parties. The materials to be utilized in the presentation are furnished as Exhibit 99.1 hereto and are incorporated herein by reference.

The information in this report (including Exhibit 99.1) is being furnished pursuant to Item 7.01 and shall not be deemed to be filed for purposes of Section 18 of the Securities and Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise be subject to the liabilities of that section, nor shall it be deemed to be incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act.

Item 9.01 Financial Statements and Exhibits.

- (a)-(c) Not applicable.
- (d) Exhibits.

Exhibit Number	Description
Exhibit 99.1	Regency Energy Partners LP presentation to investors dated May 10, 2010 discussing results of operations for the three months ended March 31, 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.

REGENCY ENERGY PARTNERS LP

By: Regency GP LP, its general partner

By: Regency GP LLC, its general partner

By:                   /s/ Stephen L. Arata  
                          Stephen L. Arata  
                          Executive Vice President and Chief  
                          Financial Officer

May 10, 2010