

Regency Energy Partners LP  
Form 8-K  
December 15, 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): December 15, 2010 (December 14, 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))

Item 8.01                    Other Events

On December 14, 2010, Regency Energy Partners LP announced a series of expansion projects along its rich gas gathering system in south Texas. A copy of the press release is furnished as Exhibit 99.1 hereto and is incorporated herein by reference.

Item 9.01                    Financial Statements and Exhibits.

(a)-(c) Not applicable.

(d) Exhibits.

Exhibit Number	Description
<u>Exhibit 99.1</u>	Regency Energy Partners LP Press Release dated December 14, 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/ Paul M. Jolas  
                          Paul M. Jolas  
                          Executive Vice President, Chief Legal  
                          Officer and Secretary

December 15, 2010