Gray Rodney Lynn Form 4 April 23, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number: January 31,

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Expires:

Check this box if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

| 1. Name and Address of Repo Gray Rodney Lynn | rting Person * | 2. Issuer Name and Ticker or Trading Symbol | | | 5. Relationship of Reporting Person(s) to Issuer | | | |
|---|----------------|--|-----------------------|----------|--|----------------------|-------------|--|
| | | Regency Ene | rgy Partners LP [R | RGP] | (Chec | ck all applicable | e) | |
| (Last) (First) | (Middle) | 3. Date of Earlie | st Transaction | | | | | |
| | | (Month/Day/Ye | ar) | | _X_ Director | 109 | | |
| 1185 SANCTUARY PK 100 | WY, SUITE | 04/20/2012 | | | Officer (give below) | e titleOth below) | er (specify | |
| (Street) | | 4. If Amendmen | t, Date Original | | 6. Individual or Jo | oint/Group Fili | ng(Check | |
| | | Filed(Month/Day | Year) | | Applicable Line) _X_ Form filed by | 1 0 | | |
| ALPHARETTA, GA 30 | 004 | | | | Form filed by M Person | More than One Ro | eporting | |
| (City) (State) | (Zip) | Table I - N | on-Derivative Securit | ties Acq | uired, Disposed o | f, or Beneficia | lly Owned | |
| | n Date 2A. Dee | | 4. Securities | | 5. Amount of | 6. Ownership | 7. Nature o | |

| 1.Title of | 2. Transaction Date | 2A. Deemed | 3. | 4. Secur | ities | | 5. Amount of | 6. Ownership | 7. Nature of |
|------------------|---------------------|--------------------|----------------------------|-----------------|-----------|------------|------------------|--------------|--------------|
| Security | (Month/Day/Year) | Execution Date, if | TransactionAcquired (A) or | | | | Securities | Form: Direct | Indirect |
| (Instr. 3) | | any | Code | Disposed of (D) | | | Beneficially | (D) or | Beneficial |
| | | (Month/Day/Year) | (Instr. 8) | (Instr. 3 | , 4 and | 5) | Owned | Indirect (I) | Ownership |
| | | | | | | | Following | (Instr. 4) | (Instr. 4) |
| | | | | | (4) | | Reported | | |
| | | | | | (A) | | Transaction(s) | | |
| | | | Code V | Amoun | or (D) | Price | (Instr. 3 and 4) | | |
| Common Units (1) | 04/20/2012 | | M | 2,274 | A | <u>(3)</u> | 7,274 | D | |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transactic Code (Instr. 8) | | | rivative Expiration Date ities (Month/Day/Year) ired resed of 3, 4, | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | |
|---|---|---|---|--|-----|-------|---|--------------------|---|--|
| | | | | Code V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Phantom Units with DER (2) | (3) | 04/20/2012 | | M | | 2,274 | 04/20/2012 | 04/20/2012 | Common Units (3) | 2,274 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|--|---------------|-----------|---------|-------|--|--|--|
| • | Director | 10% Owner | Officer | Other | | | |
| Gray Rodney Lynn 1185 SANCTUARY PKWY SUITE 100 ALPHARETTA, GA 30004 | X | | | | | | |

Signatures

/s/ Paul M. Jolas, Attorney-in-Fact 04/23/2012

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The holder settled all of his 2,274 vested phantom units for RGP common units on the date of vesting.
- (2) 6,822 service condition phantom units were granted on April 20, 2011. This transaction represents the vesting of one third of these phantom units.
- (3) Each Phantom Unit is the economic equivalent of one common unit representing a limited partner interest in Regency Energy Partners L.P.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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