

Cleveland Ralph  
Form 4  
November 08, 2010

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Cleveland Ralph

(Last) (First) (Middle)

TEN PEACHTREE PLACE

(Street)

ATLANTA, GA 30309

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
AGL RESOURCES INC [AGL]

3. Date of Earliest Transaction  
(Month/Day/Year)  
11/04/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
EVP

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
|                                 |                                      |                                                    | Code                           | V                                                                 | Amount                                                                                        | (D)                                                      | Price                                                 |
| Common Stock                    | 11/04/2010                           |                                                    | S                              |                                                                   | 151                                                                                           | D                                                        | \$ 39.0492                                            |
| Common Stock                    | 11/04/2010                           |                                                    | S                              |                                                                   | 640                                                                                           | D                                                        | \$ 39.0492                                            |
| Common Stock                    |                                      |                                                    |                                |                                                                   |                                                                                               | I                                                        | 7,906.6328 (2)                                        |
|                                 |                                      |                                                    |                                |                                                                   |                                                                                               |                                                          | by 401(k) plan                                        |

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

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SEC 1474 (9-02)

number.

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

| 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. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reporting Transaction (Instr. 6) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------|
|                                            |                                                        |                                      |                                                    | Code                           | V (A) (D)                                                                               | Date Exercisable                                         | Expiration Date                                               | Title                                      | Amount or Number of Shares                                                                       |

## Reporting Owners

| Reporting Owner Name / Address                              | Relationships |           |         |       |
|-------------------------------------------------------------|---------------|-----------|---------|-------|
|                                                             | Director      | 10% Owner | Officer | Other |
| Cleveland Ralph<br>TEN PEACHTREE PLACE<br>ATLANTA, GA 30309 |               |           | EVP     |       |

## Signatures

Barbara P. Christopher, by power of attorney  
 11/08/2010  
 \*\*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) Includes an aggregate of 28.804 shares allocated to the reporting person's account on June 1, 2010 and September 1, 2010 pursuant to a dividend reinvestment feature of the AGL Resources Inc. Direct Stock Purchase and Dividend Reinvestment Plan. Also includes an aggregate of 41.228 shares allocated to the reporting person's account on June 1, 2010 and September 1, 2010, under the AGL Resources Inc. Employee Stock Purchase Plan.
- (2) Information as of statement dated September 30, 2010.

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.