

SOMERHALDER JOHN W II  
 Form 4  
 May 18, 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 \*  
 SOMERHALDER JOHN W II

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 TEN PEACHTREE PLACE

3. Date of Earliest Transaction (Month/Day/Year)  
 05/14/2010

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Chairman, President and CEO

(Street)  
 ATLANTA, GA 30309

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

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

(City) (State) (Zip)

**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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| Common Stock                    |                                      |  |                                | (A) or (D)<br>Code V Amount (D) Price                             | 17,825.0315   | I  | by Non-Qualified Savings Plan                         |
| Common Stock                    |                                      |  |                                | (A) or (D)<br>Code V Amount (D) Price                             | 4,812.4379<br><u>(1)</u>  | I  | by 401(k)   |

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

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SEC 1474 (9-02)

**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. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Common Stock Equivalent Units              | \$ 0 <u>(2)</u>  | 05/14/2010                           |  | A                              | 68.358  | <u>(3)</u> <u>(4)</u>                                    | Common Stock  | 68.358                        |

## Reporting Owners

| Reporting Owner Name / Address                                    | Relationships |           |                             |       |
|---|---------------|-----------|-----------------------------|-------|
|   | Director      | 10% Owner | Officer                     | Other |
| SOMERHALDER JOHN W II<br>TEN PEACHTREE PLACE<br>ATLANTA, GA 30309 | X             |           | Chairman, President and CEO |       |

## Signatures

Barbara P. Christopher, by power of attorney  
Date: 05/18/2010

\_\_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) Information as of statement dated March 31, 2010.
- (2) The common stock equivalent units convert to common stock on a one-for-one basis.
- (3) Immediately.

The units are to be settled in cash upon the reporting person's termination of employment based on the fair market value of the Company's common stock as of the date of valuation. The reporting person may transfer the value of his common stock equivalent units into an alternative investment account at any time prior to settlement.

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.