AGL RESOURCES INC

Form 4

December 16, 2010

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

Check this box

if no longer subject to Section 16. Form 4 or

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

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).

(Last)

1.Title of

Security

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person *

LOVE DENNIS M

(First) (Middle)

TEN PEACHTREE PLACE

(Street)

ATLANTA, GA 30309

2. Issuer Name and Ticker or Trading

Symbol

AGL RESOURCES INC [AGL] 3. Date of Earliest Transaction

(Month/Day/Year) 12/15/2010

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

5. Amount of

Securities

Owned

Beneficially

below)

X_ Director

Officer (give title

Issuer

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

6. Ownership

Form: Direct

(Instr. 4)

(D) or Indirect Beneficial

5. Relationship of Reporting Person(s) to

(Check all applicable)

10% Owner Other (specify

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

(City) (State) (Zip)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

Following Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

7. Nature of

Ownership

(Instr. 4)

Indirect

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

Expires:

response...

Estimated average

burden hours per

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)

Conversion or Exercise Price of

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if (Month/Day/Year)

5. Number of 4. TransactionDerivative Code Securities (Instr. 8) Acquired (A) or 6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount o **Underlying Securities** (Instr. 3 and 4)

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	Derivative Security		Disposed of (D) (Instr. 3, 4, and 5)							
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Common Stock Equivalents (CSEs)	Ш	12/15/2010	A		1,259.745		(2)	(2)	Common Stock	1,259.

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
LOVE DENNIS M TEN PEACHTREE PLACE ATLANTA, GA 30309	X							

Signatures

Barbara P. Christopher, by power of attorney

**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 CSEs convert to common stock on a one-for-one basis.
- (2) The CSEs are settled in cash upon the reporting person's termination of service.

Includes an additional 8.713 CSEs allocated to the reporting person's account on June 1, 2010; 373.060 CSEs allocated to the reporting person's account on September 1, 2010; and 383.891 CSEs allocated to the reporting person's account on December 1, 2010 pursuant to a dividend reinvestment feature of the CSE Plan.

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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