

Linginfelter Henry P
 Form 4
 May 04, 2010

FORM 4

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

OMB APPROVAL

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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 *
 Linginfelter Henry P

(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)
 04/30/2010

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	(A) or (D)	Price
Common Stock	04/30/2010		M		6,200	A	\$ 31.09
Common Stock	04/30/2010		M		7,214	A	\$ 33.24
Common Stock	04/30/2010		S		962	D	\$ 39.72
Common Stock	04/30/2010		S		600	D	\$ 39.68
Common Stock	04/30/2010		S		400	D	\$ 39.66

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Common Stock	04/30/2010	S	500	D	\$ 39.66	38,950.08	D	
Common Stock	04/30/2010	S	552	D	\$ 39.65	38,398.08	D	
Common Stock	04/30/2010	S	4,200	D	\$ 39.64	34,198.08	D	
Common Stock	04/30/2010	S	1,137	D	\$ 39.81	33,061.08	D	
Common Stock	04/30/2010	S	300	D	\$ 39.8	32,761.08	D	
Common Stock	04/30/2010	S	200	D	\$ 39.78	32,561.08	D	
Common Stock	04/30/2010	S	200	D	\$ 39.77	32,361.08	D	
Common Stock	04/30/2010	S	325	D	\$ 39.76	32,036.08	D	
Common Stock	04/30/2010	S	300	D	\$ 39.75	31,736.08	D	
Common Stock	04/30/2010	S	100	D	\$ 39.74	31,636.08	D	
Common Stock	04/30/2010	S	100	D	\$ 39.73	31,536.08	D	
Common Stock	04/30/2010	S	300	D	\$ 39.73	31,236.08	D	
Common Stock	04/30/2010	S	100	D	\$ 39.72	31,136.08	D	
Common Stock	04/30/2010	S	400	D	\$ 39.69	30,736.08	D	
Common Stock	04/30/2010	S	2,000	D	\$ 39.68	28,736.08	D	
Common Stock	04/30/2010	S	600	D	\$ 39.67	28,136.08	D	
Common Stock	04/30/2010	S	138	D	\$ 39.72	27,998.08	D	
Common Stock						19,319.2636 <u>(2)</u>	I	by 401(k)
Common Stock						34.7774 <u>(2)</u>	I	by Non-Qualified Savings Plan

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

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(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)	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 31.09	04/30/2010		M	6,200	01/03/2006 01/03/2015	Common Stock	6,200
Employee Stock Option (right to buy)	\$ 33.24	04/30/2010		M	7,214	02/03/2010 02/03/2019	Common Stock	7,214

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Linginfelter Henry P TEN PEACHTREE PLACE ATLANTA, GA 30309			EVP	

Signatures

Barbara P. Christopher, by power of attorney 05/04/2010

**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).

Includes 1.198 shares allocated to the reporting person's account on 3/1/10, pursuant to a dividend reinvestment feature of the AGL

(1) Resources Inc. Direct Stock Purchase and Dividend Reinvestment Plan. Also includes 9.562 shares allocated to the reporting person's account on 3/1/10, under the AGL Resources Inc. Employee Stock Purchase Plan.

(2) Information as of statement dated March 31, 2010.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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