

MUELLER MICHAEL G
 Form 5
 February 10, 2009

FORM 5

**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).
 Form 3 Holdings Reported Form 4 Transactions Reported

ANNUAL 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

1. Name and Address of Reporting Person *
MUELLER MICHAEL G
 (Last) (First) (Middle)

2. Issuer Name and Ticker or Trading Symbol
AMEREN CORP [AEE]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

President of Subsidiary

P. O. BOX 66149
 (Street)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)
12/31/2008

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

6. Individual or Joint/Group Reporting

(check applicable line)

ST. LOUIS, MO 63166-6149

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) | (A) or (D) | Price | 5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|------------|-------|--|--|---|
| Common Stock, \$.01 Par Value | Â | Â | Â | Â | Â | Â | 1,320 ⁽¹⁾ | I | By 401K |
| Common Stock, \$.01 Par Value | Â | Â | Â | Â | Â | Â | 113 ⁽²⁾ | I | By ESOP |
| Common Stock, \$.01 Par Value | Â | Â | Â | Â | Â | Â | 60 ⁽³⁾ | I | Custodian for Daughter |

| | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|----------------------|---|---------------------------------|
| Common Stock, \$.01 Par Value | Â | Â | Â | Â | Â | Â | 71 ⁽⁴⁾ | I | #1 Custodian for Daughter #2 |
| Common Stock, \$.01 Par Value | Â | Â | Â | Â | Â | Â | 51 ⁽⁵⁾ | I | Custodian for Son |
| Common Stock, \$.01 Par Value | Â | Â | Â | Â | Â | Â | 8,397 ⁽⁶⁾ | D | Â |

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.

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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) | 8. Price of Derivative Security (Instr. 5) | 9. of D Se B O E Is Fi (I |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---------------------------|
| | | | | | (A) (D) | Date Exercisable Expiration Date | Title Amount or Number of Shares | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------------------------|
| | Director | 10% Owner | Officer | Other |
| MUELLER MICHAEL G P. O. BOX 66149 ST. LOUIS, MO 63166-6149 | Â | Â | Â | President of Subsidiary |

Signatures

G. L. Waters, Asst. Secy. for Michael G. Mueller
02/10/2009

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) Amount includes a total of 14 shares acquired monthly from May through December 2008 at prices ranging from \$25.51 to \$48.39 per share.
- (2) Amount includes a total of 111 shares acquired during the first through fourth quarters of 2008 through reinvested dividends at prices ranging from \$25.51 to \$54.29 per share.
- (3) Amount includes a total of 3 shares acquired during the first through fourth quarters of 2008 through reinvested dividends at prices ranging from \$25.51 to \$54.29 per share.
- (4) Amount includes a total of 4 shares acquired during the first through fourth quarters of 2008 through reinvested dividends at prices ranging from \$25.51 to \$54.29 per share.
- (5) Amount includes a total of 3 shares acquired during the first through fourth quarters of 2008 through reinvested dividends at prices ranging from \$25.51 to \$54.29 per share.
- (6) Amount includes a total of 525 shares acquired during the first through fourth quarters of 2008 through reinvested dividends at prices ranging from \$25.51 to \$54.29 per share.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.