

MUELLER MICHAEL G
 Form 4
 January 20, 2011

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 *
 MUELLER MICHAEL G

(Last) (First) (Middle)

P.O. BOX 66149

(Street)

ST. LOUIS, MO 63166-6149

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)
 01/18/2011

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) ___X___ Other (specify below)

President of Subsidiary

6. Individual or Joint/Group Filing(Check Applicable Line)
 ___X___ 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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | | (A) or (D) | Code V Amount (D) Price | | |
| Common Stock, \$.01 Par Value | | | | | 1,738 ⁽¹⁾ | I | By 401(K) |
| Common Stock, \$.01 Par Value | | | | | 127 ⁽²⁾ | I | By ESOP |
| Common Stock, \$.01 Par Value | | | | | 67 ⁽³⁾ | I | Custodian for Daughter #1 |
| | | | | | 80 ⁽⁴⁾ | I | |

| | | | | | | | | |
|-------------------------------------|------------|--|---|--------------------|-------------------|-------------|----------------------|------------------------------------|
| Common Stock, \$.01 Par Value | | | | | | | | Custodian for Daughter #2 |
| Common Stock, \$.01 Par Value | | | | | 57 ⁽⁵⁾ | | I | Custodian for Son |
| Common Stock, \$.01 Par Value | 01/18/2011 | | F | 388 ⁽⁷⁾ | D | \$ 28.19 | 8,746 ⁽⁶⁾ | D |
| Common Stock, \$.01 Par Value | 01/18/2011 | | M | 670 | A | \$ 0 | 9,416 | D |

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 | |
|---|---|---|---|---|---|--|---|--|--|
| | | | | Code V (A) (D) | | Date Exercisable | Expiration Date | Title | |
| Performance Units | ⁽⁸⁾ | 01/18/2011 | | M | 1,058 ⁽⁹⁾ | ⁽⁸⁾ 12/31/2010 | Common Stock | 1,058 ⁽⁹⁾ | |

Reporting Owners

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

Signatures

G. L. Waters, Asst. Secy. of Ameren Corporation, attorney in fact for Michael G. Mueller

01/20/2011

__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 211 shares acquired monthly from January through December 2010 at prices ranging from \$24.00 to \$29.60 per share.
- (2) Amount includes a total of 7 shares acquired during the first through fourth quarters of 2010 through reinvested dividends at prices ranging from \$24.00 to \$28.45 per share.
- (3) Amount includes a total of 3 shares acquired during the first through fourth quarters of 2010 through reinvested dividends at prices ranging from \$24.00 to \$28.45 per share.
- (4) Amount includes a total of 4 shares acquired during the first through fourth quarters of 2010 through reinvested dividends at prices ranging from \$24.00 to \$28.45 per share.
- (5) Amount includes a total of 3 shares acquired during the first through fourth quarters of 2010 through reinvested dividends at prices ranging from \$24.00 to \$28.45 per share.
- (6) Amount includes a total of 480 shares acquired during the first through fourth quarters of 2010 through reinvested dividends at prices ranging from \$24.00 to \$28.45 per share.
- (7) Sold to cover Mr. Mueller's tax liability for acquiring performance shares that have vested.
- (8) Each performance unit represents a contingent right to receive one share of Ameren common stock. The performance units vest after a two year holding period.
- (9) Amount adjusted for an understated amount of 67 units which had been inaccurately reported on previous filings.

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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