

MUELLER CHARLES W
 Form 4
 January 14, 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 *
 MUELLER CHARLES W

(Last) (First) (Middle)

1901 CHOUTEAU AVE., P.O. BOX 66149, M/C 1370

(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)
 01/13/2010

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)

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| Common Stock, \$.01 Par Value | | | | (A) or (D) | | | |
| | | | Code | V | Amount | (D) | Price |
| Common Stock, \$.01 Par Value | | | | | 1,952 ⁽²⁾ | I | By 401(K) |
| Common Stock, \$.01 Par Value | | | | | 6,887 ⁽³⁾ | I | By ESOP |
| Common Stock, \$.01 Par Value | 01/13/2010 | | A | | 2,891 ⁽¹⁾ | A | \$ 0 |
| | | | | | 53,297 ⁽⁴⁾ | 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) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| MUELLER CHARLES W 1901 CHOUTEAU AVE. P.O. BOX 66149, M/C 1370 ST. LOUIS, MO 63166-6149 | | X | | |

Signatures

G. L. Waters, Asst. Secy. for Charles W. Mueller
Date: 01/14/2010

__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) Director Compensation
- (2) Includes a total of 118 shares acquired during the first through fourth quarters of 2009 through reinvested dividends at prices ranging from \$23.14 to \$28.30 per share.
- (3) Includes a total of 417 shares acquired during the first through fourth quarters of 2009 through reinvested dividends at prices ranging from \$23.14 to \$28.30 per share.
- (4) Includes a total of 570 shares acquired during the first through fourth quarters of 2009 through reinvested dividends at prices ranging from \$23.14 to \$28.30 per share.

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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