

MUELLER CHARLES W
 Form 4
 January 12, 2011

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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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 *
 MUELLER CHARLES W

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 1901 CHOUTEAU AVE., P.O. BOX 66149, M/C 1370

3. Date of Earliest Transaction (Month/Day/Year)
 01/10/2011

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

(Street)

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

6. Individual or Joint/Group Filing (Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

ST. LOUIS, MO 63166-6149

(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)	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)			
Common Stock, \$.01 Par Value				(A) or (D)			
Common Stock, \$.01 Par Value	01/10/2011		A	2,809 (1)	A \$ 0 56,364 (5)	D	By 401(K)

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

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SEC 1474
(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)
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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. of Ameren Corporation, attorney in fact for Charles W. Mueller
01/12/2011

__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) Director Compensation
- (2) Amount includes a total of 113 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 reflects a total of 332 shares consisting of 73 shares from 401(K) and 259 shares from ESOP that were sold on 11/18/2010 at a price of \$29.43/share as a minimum required distribution pursuant to Internal Revenue Code requirements.
- (4) Amount includes a total of 397 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)

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Amount includes a total of 695 shares acquired during the first through fourth quarters of 2010 through reinvested dividends at prices ranging from \$24.00 to \$28.45 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. 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.