

BERGSTROM JOHN F
 Form 4
 November 19, 2009

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 *
BERGSTROM JOHN F

2. Issuer Name and Ticker or Trading Symbol
WISCONSIN ENERGY CORP [WEC]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
231 WEST MICHIGAN STREET
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
11/17/2009

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

MILWAUKEE,, WI 53203

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

(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: Beneficial or Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	11/17/2009		M		5,000 A \$ 19.9687	(1)	D
Common Stock	11/17/2009		M		5,000 A \$ 21.505	(1)	D
Common Stock	11/17/2009		M		5,000 A \$ 26.095	(1)	D
Common Stock	11/17/2009		M		5,000 A \$ 25.925	(1)	D
Common Stock	11/17/2009		S		20,000 D \$ 44.87	(1)	D

Common Stock 3,000 I by Trust

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

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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
Stock Option (right to buy)	\$ 19.9687	11/17/2009		M	5,000	04/03/2001 ⁽²⁾ 04/03/2010	Common Stock	5,000
Stock Option (right to buy)	\$ 21.505	11/17/2009		M	5,000	05/02/2002 ⁽²⁾ 05/02/2011	Common Stock	5,000
Stock Option (right to buy)	\$ 26.095	11/17/2009		M	5,000	05/02/2003 ⁽²⁾ 05/02/2012	Common Stock	5,000
Stock Option (right to buy)	\$ 25.925	11/17/2009		M	5,000	04/30/2004 ⁽²⁾ 04/30/2013	Common Stock	5,000

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

X

BERGSTROM JOHN F
231 WEST MICHIGAN STREET
MILWAUKEE,, WI 53203

Signatures

\\Joshua M. Erickson, as
Attorney-in-Fact

11/19/2009

__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) Includes shares acquired pursuant to a dividend reinvestment feature of Wisconsin Energy Corporation's Stock Plus Investment Plan in transactions exempt from Section 16 pursuant to Rule 16a-11.
- (2) Vested in three equal annual installments beginning on this date.

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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