BERGSTROM JOHN F

Form 4

November 19, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287

OMB APPROVAL

Number:

January 31, 2005

0.5

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if no longer subject to Section 16. Form 4 or Form 5 obligations

Check this box

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(b).

(Print or Type Responses)

may continue.

See Instruction

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	3. Date of Earliest Transaction (Month/Day/Year) 11/17/2009	_X_ 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) _X_ Form filed by One Reporting Person		
MILWAUKEE,, WI 53203		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. Transactio Code (Instr. 8)	4. Securities Acquired (A) our Disposed of (D) (Instr. 3, 4 and 5) (A) or			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	11/17/2009		Code V M	Amount 5,000	(D)	Price \$ 19.9687	(Instr. 3 and 4) 12,901.3135 (1)	D	
Common Stock	11/17/2009		M	5,000	A	\$ 21.505	17,901.3135 (1)	D	
Common Stock	11/17/2009		M	5,000	A	\$ 26.095	22,901.3135 (1)	D	
Common Stock	11/17/2009		M	5,000	A	\$ 25.925	27,901.3135 (1)	D	
Common Stock	11/17/2009		S	20,000	D	\$ 44.87	7,901.3135 (1)	D	

Common Stock

3,000

I

by Trust

(9-02)

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. Transactic Code (Instr. 8)	5. Number on 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	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

Relationships Reporting Owner Name / Address Director 10% Owner Officer Other

X

Reporting Owners 2 BERGSTROM JOHN F 231 WEST MICHIGAN STREET MILWAUKEE,, WI 53203

Signatures

\s\ 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. 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.

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