WISCONSIN ENERGY CORP Form 8-K September 14, 2010

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM 8-K CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 Date of report (Date of earliest event reported): September 14, 2010

Commission	Registrant; State of Incorporation	IRS Employer
File Number	Address; and Telephone Number	Identification No.

001-09057

WISCONSIN ENERGY CORPORATION

39-1391525

(A Wisconsin Corporation) 231 West Michigan Street P.O. Box 1331 Milwaukee, WI 53201 (414) 221-2345

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

WISCONSIN ENERGY CORPORATION

ITEM 7.01 REGULATION FD DISCLOSURE.

Representatives of Wisconsin Energy Corporation will be conducting meetings with investors through September 30, 2010. Attached as Exhibit 99.1 are the presentation slides to be used at such meetings.

ITEM 9.01 FINANCIAL STATEMENTS AND EXHIBITS

(d) Exhibits

99 Additional Exhibits

99.1 Presentation slides

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

WISCONSIN ENERGY CORPORATION (Registrant)

/s/ STEPHEN P. DICKSON Stephen P. Dickson Vice President and Controller

Date: September 14, 2010

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