

WISCONSIN ENERGY CORP  
Form 8-K  
July 29, 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):

July 29, 2010

Commission  
File Number

Registrant; State of Incorporation  
Address; and Telephone Number

IRS Employer  
Identification No.

001-09057

39-1391525

**WISCONSIN ENERGY CORPORATION**

(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:

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

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

WISCONSIN ENERGY CORPORATION

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ITEM 2.02 RESULTS OF OPERATIONS AND FINANCIAL CONDITION.

On Thursday, July 29, 2010, Wisconsin Energy Corporation issued a press release announcing its financial results for the quarter and six months ended June 30, 2010. A copy of the press release is being furnished to the Securities and Exchange Commission as Exhibit 99 attached hereto and incorporated herein by reference.

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: July 29, 2010

