

WISCONSIN ENERGY CORP  
Form 8-K  
August 13, 2012

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):

August 13, 2012

| Commission<br>File Number | Registrant; State of Incorporation<br>Address; and Telephone Number   | IRS Employer<br>Identification No. |
|---------------------------|---|------------------------------------|
| 001-09057                 | WISCONSIN ENERGY CORPORATION<br>(A Wisconsin Corporation)<br>231 West Michigan Street<br>P.O. Box 1331<br>Milwaukee, WI 53201<br>(414) 221-2345 | 39-1391525                         |

The name and address of the registrant have not changed since the last report.

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

ITEM 7.01 REGULATION FD DISCLOSURE.

Representatives of Wisconsin Energy Corporation will be conducting meetings with investors through August 31, 2012. 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

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: August 13, 2012