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

August 4, 2016

Date of report (date of earliest event reported)

| Commission File No. | Name of Registrant, State of Incorporation, Address of Principal Executive Offices, and Telephone No. | IRS Employer Identification No. |
|---------------------|---|---------------------------------|
| 000-49965 | MGE Energy, Inc. (a Wisconsin Corporation) 133 South Blair Street Madison, Wisconsin 53788 (608) 252-7000 mgeenergy.com | 39-2040501 |
| 000-1125 | Madison Gas and Electric Company (a Wisconsin Corporation) 133 South Blair Street Madison, Wisconsin 53788 (608) 252-7000 mge.com | 39-0444025 |

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)) |

Item 2.02. Results of Operations and Financial Condition.

On August 4, 2016, MGE Energy, Inc. (the Company) issued a press release announcing its second-quarter 2016 earnings. The Company is furnishing a copy of that press release as Exhibit 99.1 to this report.

This combined Form 8-K is being furnished separately by the Company and Madison Gas and Electric Company. Information contained herein relating to any individual registrant has been furnished by such registrant on its own behalf. Neither registrant makes any representation as to information relating to the other registrant.

Item 9.01. Financial Statements and Exhibits.

- (a) Financial statements of businesses acquired: None
- (b) Pro forma financial information: None
- (c) Shell company transactions: None
- (d) Exhibits.

| Exhibit No. | Description |
|-------------|--|
| 99.1 | Press release of MGE Energy, Inc., issued on August 4, 2016. |

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrants have duly caused this report to be signed on their behalf by the undersigned hereunto duly authorized.

MGE Energy, Inc. Madison Gas and Electric Company (Registrants)

Date: August 4, 2016 /s/ Jeffrey C. Newman

Jeffrey C. Newman Senior Vice President, Chief Financial Officer, Secretary and Treasurer

MGE Energy, Inc. Madison Gas and Electric Company

Exhibit Index to Form 8-K Dated August 4, 2016

| Exhibit No. | Description |
|-------------|--|
| 99.1 | Press release of MGE Energy, Inc., issued on August 4, 2016. |

EXHIBIT 99.1

News

MGE Energy Reports Second-Quarter Earnings

Madison, Wis., Aug. 4, 2016—MGE Energy, Inc. (Nasdaq: MGEE) today reported earnings for the three months ended June 30, 2016, of \$16.2 million, or 47 cents per share, compared to \$13.5 million, or 39 cents per share, for the same period in the prior year.

During the second quarter of 2016, electric net income increased, driven by an 8.4% increase in residential electric retail sales reflecting higher customer demand. Warmer weather, particularly in June, was a driver of higher residential use. The average temperature in June was 69.5 degrees compared to a cooler average temperature in the prior year of 67.5 degrees. Furthermore, commercial customers consumed 2.1% more electricity.

About MGE Energy

MGE Energy is a public utility holding company. Its principal subsidiary, Madison Gas and Electric, generates and distributes electricity to 146,000 customers in Dane County, Wis., and purchases and distributes natural gas to 152,000 customers in seven south-central and western Wisconsin counties. MGE's roots in the Madison area date back more than 150 years.

MGE Energy, Inc.

(In thousands, except per share amounts) (Unaudited)

| Three Months Ended June 30, | 2016 | 2015 |
|---|--------------------------|--------------------------|
| Operating revenue | \$121,576 | \$122,126 |
| Operating income | \$28,212 | \$24,049 |
| Net income | \$16,150 | \$13,479 |
| Earnings per share (basic and diluted) | \$0.47 | \$0.39 |
| Weighted average shares outstanding (basic and diluted) | 34,668 | 34,668 |
| | | |
| | | |
| Six Months Ended June 30, | 2016 | 2015 |
| Six Months Ended June 30, Operating revenue | 2016 \$269,103 | 2015 \$292,260 |
| | | |
| Operating revenue | \$269,103 | \$292,260 |
| Operating revenue Operating income | \$269,103 \$57,743 | \$292,260 \$55,900 |

Contact

Steven Schultz Corporate Communications Manager 608-252-7219 | sbschultz@mge.com