

(Registrant's telephone number, including area code)

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))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 or Rule 12b-2 of the Securities Exchange Act of 1934.

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 5.07 Submission of Matters to a Vote of Security Holders.

On June 14, 2018, Monolithic Power Systems, Inc. (the “Company”) held its 2018 Annual Meeting of Stockholders (the “Annual Meeting”). At the Annual Meeting, the Company’s stockholders (i) elected two directors to the Company’s Board of Directors, (ii) ratified the appointment of Deloitte & Touche LLP as the Company’s independent registered public accounting firm for the fiscal year 2018, and (iii) approved, on an advisory basis, the compensation of the Company’s named executive officers.

Proposal One: Elect two Class II directors to the Company’s Board of Directors to serve until the Annual Meeting of Stockholders in 2021.

| Nominee | For | Withheld | Broker Non-Votes |
|----------------|------------|-----------------|-------------------------|
| Eugen Elmiger | 33,985,269 | 4,254,834 | 2,101,052 |
| Jeff Zhou | 37,426,179 | 813,924 | 2,101,052 |

Proposal Two: Ratify the appointment of Deloitte & Touche LLP as the Company’s independent registered public accounting firm for the fiscal year 2018.

| For | Against | Abstain | Broker Non-Votes |
|------------|----------------|----------------|-------------------------|
| 39,530,804 | 723,579 | 86,772 | 0 |

Proposal Three: Approve, on an advisory basis, the compensation of the Company’s named executive officers.

| For | Against | Abstain | Broker Non-Votes |
|------------|----------------|----------------|-------------------------|
| 37,106,906 | 1,035,590 | 97,607 | 2,101,052 |

Item 8.01 Other Events.

On June 14, 2018, the Company issued a press release announcing the second quarter cash dividend of \$0.30 per share to all stockholders of record as of the close of business on June 29, 2018. The dividend will be paid to stockholders on July 13, 2018. A copy of the press release is attached hereto as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits.

(d)
Exhibits.

Description

Exhibit

99.1 Press release issued on June 14, 2018, announcing the results of the Annual Meeting and the second quarter cash dividend.

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, thereunto duly authorized.

Date: June 14, 2018

By: /s/ Saria Tseng

Saria Tseng

Vice President, General
Counsel

Exhibit Index

Exhibit Description

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| 99.1 | Press release issued on June 14, 2018, announcing the results of the Annual Meeting and the second quarter cash dividend. |
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