UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 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): March 7, 2018

Ellington Residential Mortgage REIT

(Exact name of registrant specified in its charter)

001-35896 46-0687599 Maryland (IRS Employer Identification No.)

(State or Other Jurisdiction Of Incorporation)

(Commission File Number) 53 Forest Avenue

Old Greenwich, CT 06870 (Address of principal executive offices, zip code)

Registrant's telephone number, including area code: (203) 698-1200

Not applicable

(Former name or former address, if changed since 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:

- 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))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company x

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 8.01 Other Events.

On March 7, 2018, Ellington Residential Mortgage REIT (the "Company") issued a press release announcing that its Board of Trustees declared a dividend for the first quarter of 2018 of \$0.37 per share. The dividend will be paid on April 25, 2018 to common shareholders of record as of March 29, 2018.

Item 9.01 Financial Statements and Exhibits.

- (d) Exhibits. The following exhibit is being furnished herewith this Current Report on Form 8-K.
 - 99.1 Press Release dated March 7, 2018

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.

ELLINGTON RESIDENTIAL MORTGAGE REIT

Dated: March 7, 2018 By: /s/ Lisa Mumford

Lisa Mumford Chief Financial Officer

ELLINGTON RESIDENTIAL MORTGAGE REIT ANNOUNCES DIVIDEND FOR THE FIRST QUARTER OF 2018

OLD GREENWICH, CONNECTICUT, March 7, 2018—Ellington Residential Mortgage REIT (NYSE: EARN) (the "Company") today announced that its Board of Trustees has declared a dividend for the first quarter of 2018 of \$0.37 per share, payable on April 25, 2018, to common shareholders of record as of March 29, 2018.

Cautionary Statement Regarding Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are not historical in nature and can be identified by words such as "anticipate," "estimate," "will," "should," "may," "expect," "project," "believe," "intend," "seek," "plan" and similar expressions or their negative forms, or by references to strategy, plans, or intentions. For example, our results can fluctuate from month to month and quarter to quarter depending on a variety of factors, some of which are beyond our control and/or difficult to predict, including, without limitation, changes in interest rates, changes in default rates and prepayment speeds, and other changes in market and economic conditions. Our actual results may differ from our beliefs, expectations, estimates, and projections and, consequently, you should not rely on these forward-looking statements as predictions of future events. Furthermore, forward-looking statements are subject to risks and uncertainties, including, among other things, those described under Item 1A to the Company's Annual Report on Form 10-K filed on March 13, 2017, which can be accessed through the link to our SEC filings under "For Our Shareholders" on our website (www.earnreit.com) or at the SEC's website (www.sec.gov). Other risks, uncertainties, and factors that could cause actual results to differ materially from those projected may be described from time to time in reports we file with the SEC, including reports on Forms 10-Q, 10-K and 8-K. We undertake no obligation to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise.

About Ellington Residential Mortgage REIT

Ellington Residential Mortgage REIT is a mortgage real estate investment trust that specializes in acquiring, investing in and managing residential mortgage-and real estate-related assets, with a primary focus on residential mortgage-backed securities for which the principal and interest payments are guaranteed by a U.S. government agency or a U.S. government-sponsored enterprise. Ellington Residential Mortgage REIT is externally managed and advised by Ellington Residential Mortgage Management LLC, an affiliate of Ellington Management Group, L.L.C.