

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Miller David</u>  (Last) (First) (Middle) <u>53 FOREST AVENUE</u>  (Street) <u>OLD GREENWICH CT 06870</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Ellington Residential Mortgage REIT [ EARN ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>09/12/2017</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common shares of beneficial interest	09/12/2017		A		2,494	A	\$0 <sup>(1)</sup>	21,239	D <sup>(2)</sup>	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

Explanation of Responses:

- The common shares of beneficial interest (the "Common Shares") of Ellington Residential Mortgage REIT (the "Company") were granted to the reporting person as an independent trustee under the Company's 2013 Equity Incentive Plan. The Common Shares will vest, subject to certain limitations, on September 11, 2018.
- 10,000 shares purchased in open market transactions are held in a joint account with spouse.

Remarks:

/s/ Jason Frank, as attorney-in-fact for David Miller 09/14/2017

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

POWER OF ATTORNEY

The undersigned (the "Reporting Person") hereby constitutes and appoints Laurence Penn, Daniel Margolis, Lisa Mumford, Jason Frank, Daniel M. LeBey, and Christopher (1) prepare, execute in the undersigned's name and on the undersigned's behalf, and submit to the U.S. Securities and Exchange Commission (the "SEC") a Form ID, inci (2) execute for and on behalf of the Reporting Person, in the Reporting Person's capacity as an officer and/or director of Ellington Residential Mortgage REIT (the ' (3) do and perform any and all acts for and on behalf of the Reporting Person which may be necessary or desirable to complete and execute any such Form 3, 4 or 5, co (4) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best : The Reporting Person grants to such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or propo This Power of Attorney shall remain in effect until the Reporting Person is no longer required to file Forms 3, 4 and 5 with respect to the Reporting Person's holdir [Signature Page Follows]

IN WITNESS WHEREOF, the Reporting Person has caused this Power of Attorney to be executed on the 1st day of July, 2014.

Sign here: /s/ David Miller  
Print Name: David Miller