

ENERGIZER HOLDINGS, INC.
 Form 4
 September 13, 2016

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

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).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Armstrong Bill G

2. Issuer Name and Ticker or Trading Symbol
 ENERGIZER HOLDINGS, INC.
 [ENR]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 ENERGIZER, 533 MARYVILLE UNIVERSITY DRIVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 09/09/2016

Director 10% Owner
 Officer (give title below) Other (specify below)

ST. LOUIS, MO 63141

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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 Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) | | |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|-----|-------|
| | | | | (A) or (D) | Code | V | Amount | (D) | Price |

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

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 control number.

SEC 1474 (9-02)

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

| 1. Title of Derivative | 2. Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if | 4. Transaction of | 5. Number of | 6. Date Exercisable and Expiration Date | 7. Title and Amount of Underlying Securities | 8. D |
|------------------------|---------------|--------------------------------------|-------------------------------|-------------------|--------------|---|--|------|
|------------------------|---------------|--------------------------------------|-------------------------------|-------------------|--------------|---|--|------|

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| Security (Instr. 3) | or Exercise Price of Derivative Security | any (Month/Day/Year) | Code (Instr. 8) | Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | (Month/Day/Year) | (Instr. 3 and 4) | | | | |
|--|--|----------------------|-----------------|--|------------------|------------------|------------------|-----------------|--------------|----------------------------|
| | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Phantom Stock Units in Deferred Compensation | \$ 0 | 09/09/2016 | A | | 257 (1) | | (2) | (2) | Common Stock | 257 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Armstrong Bill G ENERGIZER 533 MARYVILLE UNIVERSITY DRIVE ST. LOUIS, MO 63141 | | | X | |

Signatures

By: /s/ Melissa A. Nazzoli Attorney in Fact For: Bill G. Armstrong 09/13/2016

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- (1) Dividend equivalent payment credited to the Reporting Person's balance in the Energizer Stock Equivalent Fund of the Company's Deferred Compensation Plan in the form of additional Phantom Stock Units.
- (2) Phantom Stock Units are payable in cash following the termination of the Reporting Person's service on the Company's Board of Directors.

Remarks:

Exhibit List - Exhibit 24 Power of Attorney

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.