

BUCK CARL N  
Form 4  
October 31, 2007

**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 \*  
BUCK CARL N

(Last) (First) (Middle)

C/O AEHR TEST SYSTEMS, 400  
KATO TERRACE

(Street)

FREMONT, CA 94539

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
AEHR TEST SYSTEMS [AEHR]

3. Date of Earliest Transaction  
(Month/Day/Year)  
10/01/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
VP, MARKETING AND CONTACTOR BU

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

**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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  | Code                           | V   | Amount or Price   |  |                                   |
| Common Stock                    | 10/01/2007                           |  | J                              |   | 1,571<br>(1) \$ 5.372   | 53,844   | D                                 |
| Common Stock                    | 10/31/2007                           |  | S                              |   | 500 \$ 7.27   | 53,344   | D                                 |
| Common Stock                    | 10/31/2007                           |  | S                              |   | 1,100 \$ 7.2  | 52,244   | D                                 |

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

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(9-02)

number.

**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 Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Owned Following Reporting Transaction (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|
|  |  |                                      |  | Code                           | V (A) (D)   | Date Exercisable   | Expiration Date   | Title                                      | Amount or Number of Shares  |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                                      |       |
|---|---------------|-----------|--------------------------------------|-------|
|   | Director      | 10% Owner | Officer                              | Other |
| BUCK CARL N<br>C/O AEHR TEST SYSTEMS<br>400 KATO TERRACE<br>FREMONT, CA 94539 |               |           | VP, MARKETING<br>AND CONTACTOR<br>BU |       |

## Signatures

CARL N.  
BUCK 10/31/2007

\*\*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).

These shares have been purchased through the Company's 2006 Employee Stock Purchase Plan, a "tax-conditioned plan" per Internal Revenue Code Section 423. This purchase is exempt from Section 16 of the Securities Exchange Act of 1934 regarding liabilities arising from six-month short-swing transactions in the Company's securities.

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.