Lee Victor K Form 4 May 31, 2013

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

January 31, 2005

0.5

Estimated average

OMB APPROVAL

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See Instruction

Check this box

if no longer

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

2. Issuer Name and Ticker or Trading

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Lee Victor K Issuer Symbol MONOLITHIC POWER SYSTEMS (Check all applicable) INC [MPWR] X_ Director (Last) (First) (Middle) 3. Date of Earliest Transaction 10% Owner Officer (give title Other (specify (Month/Day/Year) below) 79 GREAT OAKS BLVD 05/29/2013 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting SAN JOSE, CA 95119 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 7. Nature of 3. 4. Securities Acquired (A) 5. Amount of 6. Security (Month/Day/Year) Execution Date, if Transaction Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Beneficial (Month/Day/Year) (Instr. 8) Owned Direct (D) Ownership Following or Indirect (Instr. 4) Reported (I) (A) Transaction(s) (Instr. 4) or (Instr. 3 and 4) Code V Amount (D) Price Common 5,000 05/29/2013 M \$ 9.24 19,589 D (1) Stock Common 5,000 05/29/2013 S D \$ 24.35 14,589 D (1) Stock Common 5,705 05/30/2013 M Α \$ 9.24 20,294 D Stock (1) \$ Common 5,705 05/30/2013 S D 24.5013 14,589 D Stock (1) (2)

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

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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 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. Transactic Code (Instr. 8) | 5. Number on f 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 Amour Underlying Securit (Instr. 3 and 4) | |
|---|---|---|---|--|---|--|--------------------|--|---------------------------------|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amo or Num of Share |
| Non-Qualified Stock Option (right to buy) | \$ 9.24 | 05/29/2013 | | M | 5,000 | 02/28/2013 | 09/14/2013 | Common Stock | 5,0 |
| Non-Qualified Stock Option (right to buy) | \$ 9.24 | 05/30/2013 | | M | 5,705 | 02/28/2013 | 09/14/2013 | Common Stock | 5,7 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|--|---------------|-----------|---------|-------|--|--|--|
| reporting owner runner runners | Director | 10% Owner | Officer | Other | | | |
| Lee Victor K 79 GREAT OAKS BLVD SAN JOSE, CA 95119 | X | | | | | | |

Signatures

By: Saria Tseng For: 05/31/2013 Victor Lee

**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) Option shares will expire if not exercised on or before September 14, 2013.
- The price is the weighted average sale price for the transactions reported on this line. The prices for the transactions reported on this line (2) range from \$24.50 to \$24.525. The reporting person undertakes to provide, upon request by the staff of the Securities and Exchange Commission, the issuer, or a security holder of the issuer, full information regarding the number of shares sold at each separate price.

Reporting Owners 2

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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.