MONOLITHIC POWER SYSTEMS INC

Form 4 May 30, 2007

FORM 4

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

OMB APPROVAL OMB 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Number: January 31, Expires: 2005

Other (specify

0.5

Form 4 or Form 5 obligations may continue.

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

burden hours per response...

Estimated average

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * PADVAL UMESH		ting Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			MONOLITHIC POWER SYSTEMS INC [MPWR]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	_X_ Director	10% Owner	

6409 GUADALUPE MINES ROAD

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

(Month/Day/Year)

05/29/2007

6. Individual or Joint/Group Filing(Check

below)

Officer (give title

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

below)

SAN JOSE, CA 95120

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secui	rities Acquir	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	omr Dispos (Instr. 3,	ed of (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)
Common Stock	05/29/2007		M	40,000	A	\$ 1.2	40,000	D	
Common Stock	05/29/2007		S	40,000	D	\$ 17.2432 (1)	0	D	
Common Stock	05/29/2007		M	500	A	\$ 7.51	500	D	
Common Stock	05/29/2007		S	500	D	\$ 17.2 (1)	0	D	
Common Stock	05/29/2007		M	14,500	A	\$ 7.51	14,500	D	

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Common Stock S 14,500 D 17.0139 0 D

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. Transaction Code (Instr. 8)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	erivative Expiration Date curities (Month/Day/Year) equired (A) Disposed of other in the provided HTML in the prov		7. Title and Ar Underlying Se (Instr. 3 and 4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title
Non-Qualified Stock Option (right to buy)	\$ 1.2	05/29/2007		M	40,000	04/24/2004	04/24/2013	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 7.51	05/29/2007		M	500 (2)	06/02/2006(3)	06/02/2015	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 7.51	05/29/2007		M	14,500 (2)	06/02/2006(3)	06/02/2015	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
PADVAL UMESH 6409 GUADALUPE MINES ROAD SAN JOSE, CA 95120	X					

Signatures

By: Saria Tseng For: Umesh Padval 05/30/2007

**Signature of Reporting Person Date

Reporting Owners 2

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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) Average price per share
- (2) Under the automatic grant provisions, 15,000 shares are granted to non-employee directors on the date of the annual stockholders meeting
- (3) Option is 100% exercisable on the first anniversary of the date of the option grant, provided the non-employee director remains a director on such date.

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.