FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL							
OMB Number:	3235-0287						
Estimated average burden							
hours per response:	0.5						

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

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

Name and Address of Reporting Person* Neely Rick						2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC [MPWR]								(Check all ap		plicable)	g Person(s) to		
(Last) 6409 GU	,	rst) (E MINES ROAD	(Middle)			Date of Earliest Transaction (Month/Day/Year) 3/11/2008							X	below)		below nd CFO	` '		
(Street) SAN JOSE CA 95120 (City) (State) (Zip)							4. If Amendment, Date of Original Filed (Month/Day/Year)								S. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person				
		Tab	le I - N	lon-Deriv	ative \$	Sec	urit	ies Ad	cquired,	Disp	osed	of, or	Benefi	cially	Own	ed			
				2. Transac Date (Month/Da		Execution Date,			Code (Instr. and 5)				Securities Beneficially Owned		ities ficially d	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
								Code	v	Amoui	nt (A	() or ()	rice	Following Reported Transaction(s) (Instr. 3 and 4)		(IIIStr. 4)	(msu. 4)		
Common Stock 08/11					2008	008			M ⁽¹⁾		4,000		A 5	88.41	21,801		D		
Common Stock			08/11/2	2008			S ⁽¹⁾		4,000		D	\$28	17,801		D				
		Ta	able II						uired, Di						wned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	if any	on Date,	4. Transac Code (Ir 8)	5. tion Number		6. Date Exercisal Expiration Date (Month/Day/Year		ble and 7. Titl Amou Secur Under Deriva		Title and nount of curities derlying rivative curity (Instr. 3		rice ivative urity etr. 5)	9. Number of derivative see Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership		
						V (A)		(D)	Date Exercisable		oiration te	Title	Amou or Numb of Share	er					
Non- Qualified Stock Option (right to buy)	\$8.41	08/11/2008			M ⁽¹⁾			4,000	09/06/2006	09/	22/2015	Commo	4,00	0	\$0	88,940	D		

Explanation of Responses:

1. In accordance with the reporting person's 10b5-1 trading plan.

<u>Rick Neely</u> <u>08/11/2008</u>

** Signature of Reporting Person Date

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

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.

^{*} 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).