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

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* Moyer James C				2. Issuer Name and Ticker or Trading Symbol MONOLITHIC POWER SYSTEMS INC MPWR]									(Che	eck all app			10%			
•	,	,	3. Date of Earliest Transaction (Month/Day/Year) 08/15/2019										Officer (give till below)				,	specify		
			4. If Ar											6. Individual or Joint/Group Filing (Check Applicable Line) X 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																				
Date			Execution D		Date,	3. Transaction Code (Instr. 8)			4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and				nd 5) Securitie Benefici Owned		s ally	6. Ownership Form: Direct (D) or Indirect (I)		7. Nature of Indirect Beneficial Ownership		
						Code	е	v	Amo	ount	or	Price		Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)		(Instr. 4)		
Common Stock 08/15/201						S ⁽¹⁾	.)		10	,000(2)	D	\$145.52	457,260		260	D				
Common Stock													71,823		I		by Moyer FamilyTrust			
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																				
2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	Code (In 8)	of Derivative (Instr. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)				Expiration Date (Month/Day/Year) Date Expiration			Amo Secu Und Deri Secu 3 an	Amour		of derivativ Derivative Securiti Security Benefici (Instr. 5) Owned Followin Reporte Transac (Instr. 4		ve Owners es Form: ially Direct or Indi ng (I) (Inst ed 4)		nip D) ect	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
	James C (Fir KE WASHI ND WA (Sta Security (Instal Stock Stock 2. Conversion or Exercise Price of Derivative	James C (First) (A KE WASHINGTON BLVD. ND WA 9 (State) (Z Table Security (Instr. 3) Stock Stock Ta 2. Conversion or Exercise Price of Derivative (Month/Day/Year)	James C (First) (Middle) KE WASHINGTON BLVD. NE, SUITE 201 ND WA 98033 (State) (Zip) Table I - Non-Deriv Security (Instr. 3) 2. Transaction Date (Month/Day/Year) Stock Table II - Derivati (e.g., pt. Conversion or Exercise Price of Derivative (Month/Day/Year) 2. (Month/Day/Year) 3. Transaction Exercise (Month/Day/Year) [Conversion or Exercise Price of Derivative]	MON Month Month	James C (First) (Middle) KE WASHINGTON BLVD. NE, SUITE 201 Table I - Non-Derivative Security (Instr. 3) Security (Instr. 3) 2. Transaction Date (Month/Day/Year) Stock Table II - Derivative Security (e.g., puts, calls, visuality of Darivative Security (Month/Day/Year) 2. Conversion or Exercise Price of Derivative Security (Month/Day/Year) 3. Transaction Date (Month/Day/Year) 3. Transaction Date (Month/Day/Year) 3. Transaction Date (If any (Month/Day/Year) (Month/Day/Year) 3. Transaction Code (Instr. 8)	MONOLITE MPWR	MONOLITHIC MPWR 3. Date of Earliest Trans 08/15/2019 4. If Amendment, Date Monoth/Day/Year Monoth/Day/Year	MONOLITHIC PC MPWR	MONOLITHIC POWE MPWR	MONOLITHIC POWER MPWR	MONOLITHIC POWER SYSTE MPWR	MONOLITHIC POWER SYSTEMS MPWR	MONOLITHIC POWER SYSTEMS INC MPWR	MONOLITHIC POWER SYSTEMS INC (Chempton)	MONOLITHIC POWER SYSTEMS INC (Check all apr X Direct Office Delov OR/15/2019 (Check all apr X Direct Office Delo	MONOLITHIC POWER SYSTEMS INC	MONOLITHIC POWER SYSTEMS INC MPWR X Director MPWR MPW	MONOLITHIC POWER SYSTEMS INC Check all applicable X Director 10 Officer (give title below) 10 Officer (give title be	MONOLITHIC POWER SYSTEMS INC (Check all applicable) X Director 10% O Other (Direct (give title below) 10% O Other (Give title below) 10% Other (Giv	

Explanation of Responses:

- 1. Transaction was executed during an authorized trading window in compliance with the Company's Insider Trading Compliance Program.
- 2. Represents shares held in spouse name.
- 3. The price is the weighted average sale price for the transactions reported on this line. The prices for the transactions reported on this line range from \$145.23 to \$145.85. 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.

By: Saria Tseng For: James
Moyer

08/19/2019

** Signature of Reporting Person Date

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

- * 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).

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.