## **UNITED STATES**

# SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549	
FORM 8-K	
CURRENT REPORT	
Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934	
Date of Report (date of earliest event reported):  August 31, 2005	
MONOLITHIC POWER SYSTEM	MS, INC.

Delaware (State or other jurisdiction of

000-51026 (Commission File Number)

 $(Exact\ name\ of\ Registrant\ as\ specified\ in\ its\ charter)$ 

77-0466789 (I.R.S. Employer

 $incorporation\ or\ organization)$ 

**Identification Number**)

Los Gatos, California 95032

(Address of principal executive offices) (Zip Code)

(408) 357-6600

(Registrant s telephone number, including area code)

(former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- " Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- " Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- " Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- " Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

#### **Item 8.01 Other Events**

Attached hereto as Exhibit 99.1 and incorporated by reference herein is the text of Monolithic Power Systems, Inc. s announcement regarding an update to forward-looking statements relating to the third quarter of 2005 as presented in a press release issued August 31, 2005. The information under this Item 8.01 of this Current Report on Form 8-K and Exhibit 99.1 attached hereto are being furnished and shall not be deemed filed for purposes of Section 18 of the 1934 Act, nor shall they be deemed incorporated by reference in any filing with the Securities and Exchange Commission under the 1934 Act or the 1933 Act, except as shall be expressly set forth by specific reference in such filing.

#### Item 9.01 Financial Statements and Exhibits.

(c) Exhibits.

Exhibit	Description		
99.1	Press Release issued on August 31, 2005.		

<b>SIGNATURES</b>
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Pursuant to the requirements of the Securities Exchange A behalf by the undersigned, thereunto duly authorized.	act of 1934, as amende	d, the registrant has duly caused this report to be signed on its
September 1, 2005	By:	/s/ Michael Hsing
		Michael Hsing, Chief Executive Officer and President
		(Principal Executive Officer and Duly Authorized
		Officer)

## Index to Exhibits

Exhibit	Description
99.1	Press Release issued on August 31, 2005.