

MECHANICAL TECHNOLOGY INC  
Form SC 13G  
May 19, 2006

**UNITED STATES  
SECURITIES AND EXCHANGE  
COMMISSION**  
Washington, D.C. 20549  
**SCHEDULE 13G**

**Under the Securities Exchange Act of 1934  
(Amendment No. )\***

**Mechanical Technology Inc.**

(Name of Issuer)

**Common Stock, par value \$0.01 per share**

(Title of Class of Securities)

**583538103**

(CUSIP Number)

**March 27, 2006**

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 583538103

1. Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)  
PowerShares Exchange-Traded Fund Trust
  2. Check the Appropriate Box if a Member of a Group (See Instructions)
    - (a)
    - (b)
  3. SEC Use Only
  4. Citizenship or Place of Organization  
Massachusetts
- |   |    |                                     |  |
|---|----|-------------------------------------|--|
| Number of<br>Shares<br>Beneficially<br>Owned by<br>Each<br>Reporting<br>Person With | 5. | Sole Voting Power<br>6,377,795      |  |
|   | 6. | Shared Voting Power<br>-0-          |  |
|   | 7. | Sole Dispositive Power<br>6,377,795 |  |
|   | 8. | Shared Dispositive Power<br>-0-     |  |
9. Aggregate Amount Beneficially Owned by Each Reporting Person  
6,377,795
  10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)
  11. Percent of Class Represented by Amount in Row (9)  
20.6%
  12. Type of Reporting Person (See Instructions)  
IV

Item 1.

- (a) Name of Issuer  
Mechanical Technology Inc.
- (b) Address of Issuer's Principal Executive Offices  
431 New Karner Road, Albany NY 12205.

Item 2.

- (a) Name of Person Filing  
PowerShares Capital Management, as Investment Adviser of the filing entities.
- (b) Address of Principal Business Office or, if none, Residence  
301 West Roosevelt Road, Wheaton, Illinois 60187
- (c) Citizenship  
Incorporated by reference to Item 4 of the cover page.
- (d) Title of Class of Securities  
Common Stock, par value \$0.01 per share.
- (e) CUSIP Number  
583538103

Item 3.

If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a: PowerShares Exchange-Traded Fund Trust is an investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).



## Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

POWERSHARES CAPITAL MANAGEMENT LLC

May 19, 2006  
Date

/S/ John W. Southard  
Signature

John W. Southard  
Managing Director  
Name/Title