

EQSF ADVISERS INC  
Form SC 13G  
December 11, 2001

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549  
SCHEDULE 13G  
Under the Securities Exchange Act of 1934  
Advanced Power Technologies

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(Name of issuer)  
Common Stock \$.01 Par Value  
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(Title of class of securities)  
00761E108  
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(CUSIP number)

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).

1 NAME OF REPORTING PERSONS  
S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS  
EQSF Advisers, Inc.  
(EIN 13-3354359)  
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2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a) [ ]  
(b) [ ]  
3 SEC USE ONLY  
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4 CITIZENSHIP OR PLACE OF ORGANIZATION  
New York Corporation  
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5 SOLE VOTING POWER  
412,000  
-----

6 NUMBER OF SHARES 6 SHARED VOTING POWER  
BENEFICIALLY OWNED BY  
None  
-----

7 SOLE DISPOSITIVE POWER  
522,100  
-----

8 SHARED DISPOSITIVE POWER  
None  
-----

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
522,100

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10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*  
[ ]  
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11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  
5.99%  
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12 TYPE OF REPORTING PERSON\*  
IA  
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Item 1.

(a) NAME OF ISSUER:

Advanced Power Technologies

(b) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES OR, IF NONE,

RESIDENCE:

405 SW Columbia Street, Bend, OR 97702

Item 2.

(a) NAME OF PERSON FILING:

This schedule is being filed by EQSF Advisers, Inc. ("EQSF")

(referred to hereinafter as "Filer"). Attached hereto as an exhibit is a copy of the joint Schedule 13G filing agreement among the reporting persons.

(b) ADDRESS OF PRINCIPAL BUSINESS OFFICE:

The address of the principal executive office of EQSF is:

767 Third Avenue, New York, New York 10017-2023.

(c) CITIZENSHIP:

The citizenship or place of organization of each of the reporting persons is as follows:

EQSF

New York State Corporation.

(d) TITLE OF CLASS OF SECURITIES:

Common Stock, \$.01 Par Value

(e) CUSIP NUMBER:

00761E108

Item 3. IF THIS STATEMENT IS BEING FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A:

(e) Investment Adviser registered under section 203 of the Investment Advisers Act of 1940.

Item 4. OWNERSHIP.

(a)&(b) EQSF beneficially owns 522,100 shares, or 5.99% of the class of securities of the issuer.

(c) (i) EQSF: 412,000

(ii) Not applicable.

(iii) EQSF: 522,100

(iv) Not applicable.

Item 5. Ownership of Five Percent or Less of a Class.

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If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [ ]

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

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Third Avenue Small-Cap Value Fund, an investment company registered under the Investment Company Act of 1940, has the right to receive dividends from, and

the proceeds from the sale of 412,000 of the shares reported by EQSF.

American Express Partners Variable Annuity Fund, an investment company

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registered under the Investment Company Act of 1940, has the right to receive dividends from, and the proceeds from the sale of 25,200 of the shares reported by EQSF. American Express Partners Small-Cap Value Fund, an investment company registered under the Investment Company Act of 1940, has the right to receive dividends from, and the proceeds from the sale of 84,900 of the shares reported by EQSF.

Item 7. Identification and Classification of the Subsidiary Which Acquired the

Security Being Reported on By the Parent Holding Company.

Not Applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.

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.

December 10, 2001

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(Date)

EQSF ADVISERS, INC.

By: /s/ MARTIN J. WHITMAN

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Martin J. Whitman

Chairman, President and

Chief Executive Officer