EQSF ADVISERS INC Form SC 13G/A January 10, 2002

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 13G/A
UNDER THE SECURITIES EXCHANGE ACT OF 1934
(AMENDMENT NO.1)

ADVANCED POWER TECHNOLOGY INC.

(NAME OF ISSUER)

COMMON STOCK, \$.01 PAR VALUE PER SHARE

(TITLE OF CLASS OF SECURITIES)

00761E108 -----(CUSIP NUMBER)

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

- [X] 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).

EQSF ADVISERS, INC.

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¹ NAME OF REPORTING PERSONS
S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

(EIN 13-3354359)

(a) [HE APPROPRIATE BOX IF A MEMBER OF A GROUP*]]
3 SEC USE	ONLY
4 CITIZEN	SHIP OR PLACE OF ORGANIZATION NEW YORK CORPORATION
	NEW TORK CORPORATION
	5 SOLE VOTING POWER
NUMBER OF	412,000
SHARES BENEFICIALI OWNED BY	6 SHARED VOTING POWER Y NONE
EACH REPORTING PERSON	7 SOLE DISPOSITIVE POWER 561,900
WITH	8 SHARED DISPOSITIVE POWER NONE
9 AGGREGA PERSON	TE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING
56	1,900
CERTAIN	OX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES SHARES*
11 PERCENT	OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
12 TYPE OF	REPORTING PERSON*
IA	

	ORTING PERSONS .S. IDENTIFICATION NOS. OF ABOVE PERSONS
M.J. WHITMA	N ADVISERS, INC.
(EIN 13-368	6379)
2 CHECK THE A (a) [] (b) []	PPROPRIATE BOX IF A MEMBER OF A GROUP*
3 SEC USE ONL	Y
4 CITIZENSHIP	OR PLACE OF ORGANIZATION
4 CIIIZENOIIII	NEW YORK CORPORATION
	NEW IORA CORPORATION
	5 SOLE VOTING POWER
NUMBER OF	NONE
SHARES	6 SHARED VOTING POWER
BENEFICIALLY OWNED BY	NONE
EACH REPORTING	7 SOLE DISPOSITIVE POWER
PERSON	NONE
WITH	8 SHARED DISPOSITIVE POWER
	NONE
9 AGGREGATE A PERSON	MOUNT BENEFICIALLY OWNED BY EACH REPORTING
-0-	
CERTAIN SHA [
	CLASS REPRESENTED BY AMOUNT IN ROW (11)

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PERSON -0- (SEE ITEM 4)		
	-0-	
10 CHECK BOY IF THE ACCRECATE AMOUNT IN DOM (0) EVCLIDES		

CERTAIN SHARES*

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11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

-0-

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12 TYPE OF REPORTING PERSON*

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ITEM 1.

(A) NAME OF ISSUER:

Advanced Power Technology Inc. (the "Issuer").

(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 jointly filed by EQSF Advisers, Inc. ("EQSF"), M.J. Whitman Advisers, Inc. ("MJWA") and Martin J. Whitman, the Chief Executive Officer of EQSF and MJWA and controlling person of EQSF and MJWA. (EQSF, MJWA and Martin J. Whitman are sometimes collectively 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, MJWA and Mr. Whitman 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.

MJWA

New York State Corporation.

MARTIN J. WHITMAN

United States Citizen.

(D) TITLE OF CLASS OF SECURITIES:

Common Stock, \$.01 par value per share.

(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 (EQSF and MJWA).

ITEM 4. OWNERSHIP.

(a) & (b) EQSF beneficially owns 561,900 shares, or 6.44% of the class of securities of the issuer.

- (c) (i) EQSF: 412,000 MJWA: -0-
 - (ii) Not applicable.
 - (iii) EQSF: 561,900 MJWA: -0-
 - (iv) Not applicable.

Mr. Whitman disclaims beneficial ownership of all such shares.

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

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.

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 registered under the Investment Company Act of 1940, has the right to receive dividends from, and the proceeds from the sale of 30,200 of the shares reported by EQSF, and American Express Partners Small-Cap Value Fund, an investment companyregistered under the Investment Company Act of 1940, has the right to receive dividends from, and the proceeds from the sale of 119,700 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.

January 10, 2002 -----(Date)

EQSF ADVISERS, INC.

BY:/S/ MARTIN J. WHITMAN

Martin J. Whitman Chairman, and Chief Executive Officer

M.J. WHITMAN ADVISERS, INC.

BY:/S/ MARTIN J. WHITMAN

Martin J. Whitman

Chairman and Chief Executive Officer

/S/ MARTIN J. WHITMAN

Martin J. Whitman, President