### ADVANCED POWER TECHNOLOGY INC Form SC 13G/A August 13, 2002

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 13G/A
UNDER THE SECURITIES EXCHANGE ACT OF 1934
(AMENDMENT NO.2)

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.

<sup>-----</sup>

<sup>1</sup> NAME OF REPORTING PERSONS
S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

(EIN 13-3354359)

2 CHECK THE AI (a) [ ] (b) [ ]	PPROPRIATE BOX IF A MEMBER OF A GROUP*		
3 SEC USE ONLY			
4 CITIZENSHIP	OR PLACE OF ORGANIZATION  NEW YORK CORPORATION		
	5 SOLE VOTING POWER		
NUMBER OF -	793,700		
SHARES BENEFICIALLY OWNED BY	6 SHARED VOTING POWER  NONE		
EACH REPORTING PERSON	7 SOLE DISPOSITIVE POWER 535,800		
WITH	8 SHARED DISPOSITIVE POWER  NONE		
9 AGGREGATE AN	MOUNT BENEFICIALLY OWNED BY EACH REPORTING		
793 <b>,</b> 700	0		
10 CHECK BOX II CERTAIN SHAI			
	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)		
12 TYPE OF REPO	ORTING PERSON*		
IA			

1	NAME OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS			
	M.J. WHITMA	AN ADVISERS, INC.		
	(EIN 13-368	86379)		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*  (a) [ ]  (b) [ ]			
3	SEC USE ONLY			
4	CITIZENSHIP	OR PLACE OF ORG	ANIZATION	
		NEW YORK CORPOR	ATION	
		5 SOLE VOTING P	 OWER	
			NONE	
NUN	MBER OF		NONE	
SHARES BENEFICIALLY OWNED BY		6 SHARED VOTI	NG POWER	
			NONE	
EACH REPORTING PERSON		7 SOLE DISPOS	ITIVE POWER	
			NONE	
	WITH	8 SHARED DISP	OSITIVE POWER	
			NONE	
9	AGGREGATE A	MOUNT BENEFICIAL	LY OWNED BY EACH REPORTING	
	-0-			
10	CHECK BOX I CERTAIN SHA [	ARES*	AMOUNT IN ROW (9) EXCLUDES	
	DEDGE: 0		D. DV. AMOUNT. TN. DOW. (11)	
1.1	DEDICHENT OF	THE ACC DEDUCCTMENT	D BY AMOUNT IN ROW (11)	

-0-			
12 TYPE OF REF	PORTING PERSON*		
IA 			
S.S. OR I.F	PORTING PERSONS R.S. IDENTIFICATION NOS. OF ABOVE PERSONS		
MARTIN	J. WHITMAN		
2 CHECK THE A (a) [ ] (b) [ ]			
3 SEC USE ONI	.ү		
4 CITIZENSHIP OR PLACE OF ORGANIZATION			
USA			
	5 SOLE VOTING POWER		
NUMBER OF	NONE (SEE ITEM 4)		
SHARES	6 SHARED VOTING POWER		
BENEFICIALLY OWNED BY	NONE		
EACH	7 SOLE DISPOSITIVE POWER		
REPORTING	NONE (SEE ITEM 4)		
PERSON WITH	8 SHARED DISPOSITIVE POWER		
	NONE		
9 AGGREGATE A PERSON	MOUNT BENEFICIALLY OWNED BY EACH REPORTING		
-0-	(SEE ITEM 4)		
10 CHECK BOY 1	TE THE ACCRECATE AMOINT IN DOM (8) EVCLINES		

CERTAIN SHARES\*

- ------

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

-0-

- ------

12 TYPE OF REPORTING PERSON\*

TN

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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 793,700 shares, or 7.66% of the class of securities of the issuer.

- (c) (i) EQSF: 793,700 MJWA: -0-
  - (ii) Not applicable.
  - (iii) EQSF: 535,800 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 533,800 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 37,500 of the shares reported by EQSF, 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 220,400 of the shares reported by EQSF, and Quintara 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 2,000 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.

August 12, 2002 -----(Date)

EQSF ADVISERS, INC.

BY:/S/ MARTIN J. WHITMAN

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Martin J. Whitman

Chairman, and Chief Executive Officer

M.J. WHITMAN ADVISERS, INC.

BY:/S/ MARTIN J. WHITMAN

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Martin J. Whitman Chairman and Chief Investment Officer

/S/ MARTIN J. WHITMAN

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Martin J. Whitman, President