SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Under the Securities Exchange Act of 1934

SCHEDULE 13G

AMENDMENT NO. 2

INFORMATION STATEMENT PURSUANT TO RULES 13d-1 AND 13d-2 UNDER THE SECURITIES EXCHANGE ACT OF 1934

Environmental Power Corporation (Name of Issuer)

Common Stock, par value \$0.01 per share

(Title of Class of Securities)

29406L201 (CUSIP Number)

<u>December 31, 2006</u> (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)
- ý Rule 13d-1(c)
- "Rule 13d-1(d)

Page 1 of 10 Pages

SCHEDULE 13G

			SCHEDULE 130
CUS	IP No. 29406L201		Page 2 of 10 Pages
1)	NAME OF REPOR		ON N NO. OF ABOVE PERSON
	First New York Secu	urities L.L.C.	
2)	CHECK THE APP	ROPRIATE B	OX IF A MEMBER OF A GROUP (a) "
			(b) ý
3)	SEC USE ONLY		
4)	CITIZENSHIP OR	PLACE OF C	ORGANIZATION
	New York		
		5)	SOLE VOTING POWER
			85,682
	NUMBER OF	6)	SHARED VOTING POWER
	SHARES BENEFICIALLY		None
	OWNED BY EACH	7)	SOLE DISPOSITIVE POWER
	REPORTING PERSON		85,682
	WITH	8)	SHARED DISPOSITIVE POWER
			None
9)	AGGREGATE AM	OUNT BENE	FICIALLY OWNED BY EACH REPORTING PERSON
	85,682		
10)	CHECK BOX IF T	HE AGGREG	ATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
	PEP CEL E 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0		

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11)

0.88%

12) TYPE OF REPORTING PERSON

BD

SCHEDULE 13G

<u>CUS</u>	IP No. 29406L201		Page 3 of 10 Pages
1)	NAME OF REPOR		O. OF ABOVE PERSON
	Eric Goldstein		
2)	CHECK THE APP	PROPRIATE BOX	IF A MEMBER OF A GROUP (a) "
3)	SEC USE ONLY		(b) ý
4)	CITIZENSHIP OR PLACE OF ORGANIZATION		
	United States		
		5)	SOLE VOTING POWER
			5,000
	NUMBER OF	6)	SHARED VOTING POWER
	SHARES BENEFICIALLY		None
	OWNED BY EACH	7)	SOLE DISPOSITIVE POWER
	REPORTING PERSON		5,000
	WITH	8)	SHARED DISPOSITIVE POWER
			None
9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PER		CIALLY OWNED BY EACH REPORTING PERSON	
	5,000		
10)	CHECK BOX IF T	THE AGGREGAT	E AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
11)	PERCENT OF CL	ASS REPRESENT	TED BY AMOUNT IN ROW (9)
	0.05%		
12)	TYPE OF REPOR	TING PERSON	

IN

SCHEDULE 13G

CUSIP No. 29406I	L201	Page 4 of 10 Pages
,	REPORTING PERSO R.S. IDENTIFICATION	ON N NO. OF ABOVE PERSON
Sam Ginsbu	ırg	
2) CHECK T	HE APPROPRIATE B	SOX IF A MEMBER OF A GROUP
		(a) "
3) SEC USE (ONLY	(b) ý
4) CITIZENS	HIP OR PLACE OF C	ORGANIZATION
United State	es	
	5)	SOLE VOTING POWER
		43,571 ¹
NUMBER OF	6)	SHARED VOTING POWER
SHARES BENEFICI	AIIV	None
OWNED B EACH		SOLE DISPOSITIVE POWER
REPORTII PERSON	NG	43,571
WITH	8)	SHARED DISPOSITIVE POWER
		None
9) AGGREG	ATE AMOUNT BENE	FICIALLY OWNED BY EACH REPORTING PERSON
43,571		
10) CHECK B	OX IF THE AGGREG	SATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
11) PERCENT	OF CLASS REPRESI	ENTED BY AMOUNT IN ROW (9)
0.45%		
12) TYPE OF 1	REPORTING PERSO	N

IN

¹Includes 30,000 shares which are issuable upon exercise of warrants.

Schedule 13G

Item 1(a). Name of Issuer:

Environmental Power Corporation

Item 1(b). Address of Issuer's Principal Executive Offices:

One Cate Street, 4th Floor Portsmouth, New Hampshire 03801

Item 2(a). Name of Person Filing:

- (1) First New York Securities L.L.C. ("FNYS")
- (2) Eric Goldstein. Mr. Goldstein is employed by and trades securities of the issuer for the proprietary account of FNYS.
- (3) Sam Ginsburg. Mr. Ginsburg is employed by and trades securities of the issuer for the proprietary account of FNYS.

Item 2(b). Address of Principal Business Office or, if None, Residence:

(1) First New York Securities L.L.C.: 850 Third Avenue, 17th Floor

New York, NY 10022

(2) Eric Goldstein: c/o First New York Securities L.L.C.

850 Third Avenue, 8th Floor

New York, NY 10022

(3) Sam Ginsburg: c/o First New York Securities L.L.C.

850 Third Avenue, 8th Floor

New York, NY 10022

Item 2(c). Citizenship:

(1) First New York Securities L.L.C.: New York

(2) Eric Goldstein: United States

(3) Sam Ginsburg: United States

Item 2(d). Title of Class of Securities:

Common Stock, par value \$0.01 per share

Item 2(e). CUSIP Number:

29406L201

Item 3. If this statement is filed pursuant to $\S\S 240.13d-1(b)$, or 240.13d-2(b) or (c), check whether the person filing is a:

	(a)	" Broker or Dealer	Registered Under Section 15 of the Act (15 U.S.C. 78o)	
	(b)	Bank as	defined in section 3(a)(6) of the Act (15 U.S.C. 78c)	
	(c)	Insurance Company	as defined in section 3(a)(19) of the Act (15 U.S.C. 78c)	
(d)	" Investment Co	mpany registered under section	on 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8)	
	(e)	Investmen	nt Adviser in accordance with § 240.13d-1(b)(1)(ii)(E)	
	(f) "	Employee benefit plan or en	ndowment fund in accordance with § 240.13d-1(b)(1)(ii)(F)	
	(g) "	Parent Holding Company	or control person in accordance with §240.13d-1(b)(ii)(G)	
((h) "Savir	ngs Association as defined in	§3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813)	
	(i) "Church plan that is excluded from the definition of an investment company under §3(c)(15) of the Investment Company Act of 1940 (15 U.S.C. 80a-3)			
	(j)		Group, in accordance with §240.13d-1(b)(ii)(J)	
Item	4. Ownership.			
	,	(a)	Amount beneficially owned: ²	
(1)	First New York	Securities L.L.C.:85,682		
(2)	Eric Goldstein:	5,000		
(3)	Sam Ginsburg: 4	43,571		
		(b)	Percent of class:	
(1)	First New York	Securities L.L.C.: 0.88%		
(2)	Eric Goldstein: (0.05%		
(3)	Sam Ginsburg: ().45%		
	(c)		Number of shares as to which such person has:	
		(i)	Sole power to vote or to direct the vote:	

(1) First New York Securities L.L.C.: 85,682

² Percentages based on 9,649,882 shares of Common Stock outstanding as of September 30, 2006 as reported in the Issuer's Schedule 10K, filed November 14, 2006.

(2)	Eric Goldstein: 5,000		
(3)	Sam Ginsburg: 43,571		
	(ii)	Shared power to vote or to direct the vote:	
(1)	First New York Securities L.L.C.: 0		
(2)	Eric Goldstein: 0		
(3)	Sam Ginsburg: 0		
(iii)	Sole power to dispose or to direct the dispose	osition of:	
(1)	First New York Securities L.L.C.:85,682		
(2)	Eric Goldstein: 5,000		
(3)	Sam Ginsburg: 43,571		
	(iv) Share	ed power to dispose or to direct the disposition of:	
(1)	First New York Securities L.L.C.: 0		
(2)	Eric Goldstein: 0		
(3)	Sam Ginsburg: 0		
Item 5. Ownership of Five Percent or Less of a Class.			
		that as of the date hereof the reporting person has ceased to be the e class of securities, check the following $[\mathbf{x}]$.	
Item 6. Ownership of More than Five Percent on Behalf of Another Person.			
Not	Applicable.		

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.

See Item 2(a) above.

Item 9. Not	ice of Dissolution of Group.
Not Applicable	le.
Item 10.	Certification.

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

SIGNATURE

After reasonable inquiry and to the best knowledge and belief of the undersigned, the undersigned certifies that the information set forth in this Statement is true, complete and correct.

Date: February 13, 2007 FIRST NEW YORK SECURITIES L.L.C.

BY: /s/ Harris Sufian

Name: Harris Sufian Title: Managing Member

/s/ Eric Goldstein

Eric Goldstein

/s/ Sam Ginsburg

Sam Ginsburg

Exhibit 1

AGREEMENT OF JOINT FILING

Pursuant to rule 13d-1(k) promulgated under the Securities Exchange Act of 1934, as amended, the undersigned persons hereby agree to file with the Securities and Exchange Commission the Statement on Schedule 13G (the "Statement") to which this Agreement is attached as an exhibit, and agree that such Statement, as so filed is on the behalf of each of them.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of February 13, 2007.

FIRST NEW YORK SECURITIES L.L.C.

BY: /s/ Harris Sufian

Name: Harris Sufian Title: Managing Member

/s/ Eric Goldstein

Eric Goldstein

/s/ Sam Ginsburg

Sam Ginsburg