

Thomas Michael Eric
 Form 4
 May 22, 2007

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Thomas Michael Eric

2. Issuer Name and Ticker or Trading Symbol
 ENVIRONMENTAL POWER CORP [(EPG)]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 05/21/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 SVP, Chief Financial Officer

C/O ENVIRONMENTAL POWER CORPORATION, ONE CATE STREET, 4TH FLOOR

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ____ Form filed by More than One Reporting Person

PORTSMOUTH, NH 03801

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			(A) or (D)	Code V	Amount	Price	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)	8. Amount of Shares (Instr. 3 and 4)
Stock Appreciation Right	\$ 6.75	05/21/2007		A	100,000	(1) 05/20/2017	Common Stock	100,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Thomas Michael Eric C/O ENVIRONMENTAL POWER CORPORATION ONE CATE STREET, 4TH FLOOR PORTSMOUTH, NH 03801			SVP, Chief Financial Officer	

Signatures

/s/ Scott E. Pueschel,
Attorney-in-Fact
Date: 05/21/2007

**Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) The stock appreciation right vests as follows: (i) as to 25,000 of the shares subject thereto on the first anniversary of the grant date; (ii) as to 25,000 of the shares subject thereto on the second anniversary of the grant date; (iii) as to 25,000 of the shares subject thereto on the second anniversary of the grant date, so long as the closing price of a share of the Company's common stock equals or exceeds \$11 on or before that date, and (iv) as to 25,000 of the shares subject thereto upon the Company's achieving certain equity and debt financing initiatives. The stock appreciation right may be settled in cash, shares of the Company's common stock or a combination thereof, at the Company's discretion.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.