

ENVIRONMENTAL POWER CORP
 Form 4
 July 18, 2006

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 *
 Kessel Richard E

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)
 07/17/2006

____ Director
 Officer (give title below)
 ____ 10% Owner
 ____ Other (specify below)
 President and CEO

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) | Amount | Price | |
| | | | | Code | V | | |

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

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SEC 1474 (9-02)

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) | | | | |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|------------------|-----------------|--------------|------------------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Am Nur Sha |
| Non-Statutory Stock Option (right to buy) | \$ 6.3 | 07/17/2006 | | A | | 250,000 | | <u>(1)</u> | 07/16/2016 | Common Stock | 250,000 |
| Non-Statutory Stock Option (right to buy) | \$ 6.3 | 07/17/2006 | | A | | 150,000 | | <u>(3)</u> | 07/16/2016 | Common Stock | 150,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Kessel Richard E C/O ENVIRONMENTAL POWER CORPORATION ONE CATE STREET, 4TH FLOOR PORTSMOUTH, NH 03801 | | | President and CEO | |

Signatures

/s/ Scott E. Pueschel,
Attorney-in-Fact
Date: 07/18/2006

**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) This option becomes exercisable as to 100,000 shares on the six-month anniversary of the grant date, an additional 100,000 shares on the 18-month anniversary of the grant date and the remaining 50,000 shares on the 24-month anniversary of the grant date.
- (2) Not Applicable.
- (3) This option becomes exercisable only in the event that the closing price of the issuer's common stock American Stock Exchange (or such other national securities change or automated quotation system on which the common stock is then listed) equals or exceeds \$10.00 per share on or before December 28, 2007.

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.