Welch Barry Edward Form 4 September 01, 2011

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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response...

subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

if no longer

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Welch Barry Edward

2. Issuer Name and Ticker or Trading Symbol

ATLANTIC POWER CORP [AT]

5. Relationship of Reporting Person(s) to

Issuer

(First) (Middle) (Last)

(Check all applicable)

C/O ATLANTIC POWER CORPORATION, 200 **CLARENDON ST., FLOOR 25** 3. Date of Earliest Transaction

(Month/Day/Year) 08/31/2011

Director 10% Owner X_ Officer (give title Other (specify

below) C.E.O. & President

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

BOSTON, MA 02116

Security

(Instr. 3)

(State) (Zip) (City) 1. Title of 2. Transaction Date 2A. Deemed

(Month/Day/Year) Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of 6. Ownership Securities Form: Direct Beneficially (D) or Indirect Beneficial Owned (I) (Instr. 4) Following

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

(A)

or

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of

3. Transaction Date 3A. Deemed

5. Number 6. Date Exercisable and **Expiration Date**

7. Title and Amount of 8. Price Underlying Securities Deriva

7. Nature of

Ownership

(Instr. 4)

Indirect

Derivative Conversion

(Month/Day/Year) Execution Date, if Transaction of

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	,		(Instr. 3 and 4)		Securi (Instr.
				Code V	(Α) (Σ	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Dividend Equivalent Rights	(1)	08/31/2011		A	400	<u>(1)</u>	(1)	Common Share	400	\$

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Welch Barry Edward C/O ATLANTIC POWER CORPORATION 200 CLARENDON ST., FLOOR 25 BOSTON, MA 02116

C.E.O. & President

Signatures

Barry E. Welch, attorney-in-fact 09/01/2011

**Signature of Reporting Person

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 dividend equivalent rights accrued on the units granted under the Company's Long Term Incentive Plan. Each dividend equivalent right is the economic equivalent of one common share.

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.

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