ORLANDO ANTHONY J

Form 4

March 19, 2008

FORM 4

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

Check this box if no longer

subject to Section 16. Form 4 or

Form 5 obligations may continue.

See Instruction

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(b).

1. Name and Address of Reporting Person * ORLANDO ANTHONY J

(Middle)

(Last) (First)

40 LANE ROAD

(Street)

FAIRFIELD, NJ 07004

2. Issuer Name and Ticker or Trading

Symbol

COVANTA HOLDING CORP [CVA]

3. Date of Earliest Transaction

(Month/Day/Year) 03/17/2008

4. If Amendment, Date Original

Filed(Month/Day/Year)

Estimated average

burden hours per

OMB

Number:

Expires:

response...

OMB APPROVAL

3235-0287

January 31,

2005

0.5

5. Relationship of Reporting Person(s) to

(Check all applicable)

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

President and CEO

6. Individual or Joint/Group Filing(Check

Applicable Line)

5. Amount of

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

Person

Issuer

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Code V Amount

F

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

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

10.801 D

(A)

(D)

Beneficially Owned Following Reported Transaction(s)

Securities

(D) or Indirect (I) (Instr. 4)

Ownership

7. Nature of Indirect Form: Direct Beneficial Ownership (Instr. 4)

SEC 1474

(9-02)

(Instr. 3 and 4)

Price D 218,893

Stock, \$.10 03/17/2008 par value

Common

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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)			ate	7. Title and Amount of Underlying Securities	nt of lying ities	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene
	Derivative Security				Securities Acquired			(Instr.	3 and 4)		Owne Follo
					(A) or Disposed						Repo Trans
					of (D) (Instr. 3, 4, and 5)						(Instr
					4, and 3)				Amount		
						Date Exercisable	Expiration Date	Title	or Number of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

ORLANDO ANTHONY J 40 LANE ROAD FAIRFIELD, NJ 07004

President and CEO

Signatures

/s/ Anthony J. 03/19/2008 Orlando

**Signature of Date 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).

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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