

COVANTA HOLDING CORP  
 Form 4  
 April 18, 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 \*  
 ORLANDO ANTHONY J

2. Issuer Name and Ticker or Trading Symbol  
 COVANTA HOLDING CORP  
 [CVA]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 40 LANE ROAD  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 04/16/2007

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

FAIRFIELD, NJ 07004

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

(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	(D)	Price

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)**

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities Acquired (A) or	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)
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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)		Disposed of (D)		Date Exercisable	Expiration Date	Title	Am Nur Sha
			Code	V	(A)	(D)				
Stock Option (right to buy)	\$ 22.02	04/16/2007	D <sup>(1)</sup>			450,000	<sup>(2)</sup>	03/19/2017	Common Stock	45
Stock Option (right to buy)	\$ 22.02	04/16/2007	A <sup>(1)</sup>		270,000		<sup>(2)</sup>	03/19/2017	Common Stock	27

## 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.  
Orlando

04/17/2007

\*\*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).

The two reported transactions involved an amendment of a previously reported option, resulting in the reporting, solely for Section 16 purposes, of a deemed cancellation of the "old" option and the deemed grant of a replacement option. The "old" option grant, effective as of March 19, 2007, exceeded the applicable limitation on the number of shares permitted to be granted under the Equity Award Plan for Employees and Officers (the "Plan") and was void ab initio with respect to such excess shares. No terms or conditions of the "old" option were amended other than to reflect the reduction of the number of shares underlying the option from 450,000 to 270,000 pursuant to such limitation on the number of shares permitted to be granted under the Plan. The grant date of the option remains March 19, 2007.

(2) 20% of the option vests on March 17th of each year beginning in 2008 and ending in 2012.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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