COVANTA HOLDING CORP

Form 4

November 09, 2006

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

OMB 3235-0287

Estimated average

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Number: January 31, Expires: 2005

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

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

burden hours per response... 0.5

See Instruction

1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * D. E. SHAW LAMINAR PORTFOLIOS, L.L.C.

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

COVANTA HOLDING CORP

[CVA]

(Check all applicable)

39TH FLOOR, TOWER 45, 120

(Street)

(State)

(First)

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

Director

_X__ 10% Owner __X_ Other (specify

WEST FORTY-FIFTH STREET

11/07/2006

Officer (give title below) below) See footnote 1 and 2.

(Middle)

(Zip)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) Form filed by One Reporting Person _X_ Form filed by More than One Reporting

Person

NEW YORK, NY 10036

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative S	ecurit	ies Acqui	red, Disposed of,	or Beneficiall	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securitie order Dispose (Instr. 3, 4	d of (Ľ))	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	11/07/2006		S	100,000	D	\$ 20.02	16,097,805	D (1) (2)	
Common Stock	11/07/2006		S	95,300	D	\$ 20.01	16,002,505	D (1) (2)	

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

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$\label{thm:convertible} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	ınt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	rlying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Secur	ities	(Instr. 5)
	Derivative				Securities			(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date	Expiration	m: .1	or	
						Exercisable	Date		Number	
				~					of	
				Code V	(A) (D)				Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships					
coporang o mar ramay radia and	Director 10% Owner Officer		Officer	Other		
D. E. SHAW LAMINAR PORTFOLIOS, L.L.C. 39TH FLOOR, TOWER 45 120 WEST FORTY-FIFTH STREET NEW YORK, NY 10036		X		See footnote 1 and 2.		
D. E. SHAW & CO, L.L.C. 39TH FLOOR, TOWER 45 120 WEST FORTY-FIFTH STREET NEW YORK, NY 10036		X		See footnote 1 and 2.		
SHAW DAVID E 39TH FLOOR, TOWER 45 120 WEST FORTY-FIFTH STREET NEW YORK, NY 10036		X		See footnote 1 and 2.		
D. E. SHAW & CO, L.P. 39TH FLOOR, TOWER 45 120 WEST FORTY-FIFTH STREET NEW YORK, NY 10036		X		See footnote 1 and 2.		

Signatures

D. E. Shaw Laminar Portfolios, L.L.C., By: D. E. Shaw & Co., L.L.C., as Managing					
Member, Name: Julius Gaudio, Title: Managing Director					
**Signature of Reporting Person	Date				
D. E. Shaw & Co., L.P., Name: Julius Gaudio, Title: Managing Director					
**Signature of Reporting Person	Date				
D. E. Shaw & Co., L.L.C., Name: Julius Gaudio, Title: Managing Director	11/09/2006				

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**Signature of Reporting Person

Date

David E. Shaw, Name: Julius Gaudio, Title: Attorney-in-Fact for David E. Shaw

11/09/2006

**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).

The securities of the Issuer to which this form relates are held directly by D. E. Shaw Laminar Portfolios, L.L.C. ("Laminar"). D. E. Shaw & Co., L.P. ("DESCO LP"), as an investment adviser to Laminar; D. E. Shaw & Co., L.L.C. ("DESCO LLC"), as managing member of

- (1) Laminar; and Mr. David E. Shaw ("David E. Shaw") (as president and sole shareholder of D. E. Shaw & Co., Inc., which is the general partner of DESCO LP, and as president and sole shareholder of D. E. Shaw & Co. II, Inc., which is the managing member of DESCO LLC) may be deemed to be the beneficial owners of more than 10% of the Common Stock of the Issuer for purposes of Rule 16a-1(a) of the Securities Exchange Act of 1934. (Continued in Footnote 2)
- In accordance with instruction 4(b)(iv), the entire number of shares of Common Stock that may be deemed to be beneficially owned by (2) DESCO LP or DESCO LLC is reported herein. Each of DESCO LP, DESCO LLC, and David E. Shaw disclaims any beneficial ownership of any of the securities listed in this Form 4, except to the extent of any pecuniary interest therein.

Remarks:

See Footnotes 1 and 2.

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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