

AETHER HOLDINGS INC  
 Form 4  
 October 25, 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 \*  
**OROS DAVID S**

(Last) (First) (Middle)

C/O AETHER HOLDINGS, 611 E. PRATT STREET, SUITE 601

(Street)

BALTIMORE, MD 21202

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

AETHER HOLDINGS INC [AETH]

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

10/23/2006

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)

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

**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 Indirect Beneficial Ownership (Instr. 4)		
			Code	V	Amount or Price				
Common Stock	10/23/2006		S		13,286	D	\$ 5.92	2,493,411 <sup>(1)</sup> I	NexGen Technologies, L.L.C.
Common Stock	10/23/2006		S		8,331	D	\$ 5.91	2,485,080 <sup>(1)</sup> I	NexGen Technologies, L.L.C.
Common Stock	10/23/2006		S		178,383	D	\$ 5.9	2,306,697 <sup>(1)</sup> I	NexGen Technologies, L.L.C.
Common Stock	10/24/2006		S		887	D	\$ 6.07	2,305,810 <sup>(1)</sup> I	NexGen Technologies,

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Common Stock	10/24/2006	S	1,100	D	\$ 6.06	2,304,710 <sup>(1)</sup>	I	L.L.C. NexGen Technologies, L.L.C.
Common Stock	10/24/2006	S	7,213	D	\$ 6.05	2,297,497 <sup>(1)</sup>	I	NexGen Technologies, L.L.C.
Common Stock	10/24/2006	S	15,815	D	\$ 6.02	2,281,682 <sup>(1)</sup>	I	NexGen Technologies, L.L.C.
Common Stock	10/24/2006	S	109,985	D	\$ 6	2,171,697 <sup>(1)</sup>	I	NexGen Technologies, L.L.C.
Common Stock	10/25/2006	S	42,100	D	\$ 6.35	2,129,597 <sup>(1)</sup>	I	NexGen Technologies, L.L.C.
Common Stock	10/25/2006	S	6,027	D	\$ 6.33	2,123,570 <sup>(1)</sup>	I	NexGen Technologies, L.L.C.
Common Stock	10/25/2006	S	2,800	D	\$ 6.32	2,120,770 <sup>(1)</sup>	I	NexGen Technologies, L.L.C.
Common Stock	10/25/2006	S	15,673	D	\$ 6.31	2,105,097 <sup>(1)</sup>	I	NexGen Technologies, L.L.C.
Common Stock	10/25/2006	S	63,400	D	\$ 6.3	2,041,697 <sup>(1)</sup>	I	NexGen Technologies, L.L.C.
Common Stock	10/25/2006	S	100	D	\$ 6.28	2,041,597 <sup>(1)</sup>	I	NexGen Technologies, L.L.C.
Common Stock	10/25/2006	S	6,000	D	\$ 6.27	2,035,597 <sup>(1)</sup>	I	NexGen Technologies, L.L.C.
Common Stock	10/25/2006	S	6,500	D	\$ 6.26	2,029,097 <sup>(1)</sup>	I	NexGen Technologies, L.L.C.
Common Stock	10/25/2006	S	57,400	D	\$ 6.25	1,971,697 <sup>(1)</sup>	I	NexGen Technologies, L.L.C.

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

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(9-02)

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

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 Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Transaction (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
OROS DAVID S C/O AETHER HOLDINGS 611 E. PRATT STREET, SUITE 601 BALTIMORE, MD 21202		X		

## Signatures

/s/ David S.  
Oros

10/25/2006

\*\*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).

These shares were sold pursuant to the terms of the Rule 10b5-1 trading plan that NexGen Technologies, L.L.C. entered into on (1) September 21, 2006, and which was disclosed by the Issuer on Form 8-K filed with the Securities and Exchange Commission on September 22, 2006.

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.